

# HOW BEST TO LIGHT OUR COUNTRY HOMES AND RESORTS

"But soft! what light through  
yonder window breaks"

ROMEO AND JULIET



GILBERT & BARKER MANU-  
FACTURING COMPANY



# HOW BEST TO LIGHT OUR COUNTRY HOMES AND RESORTS



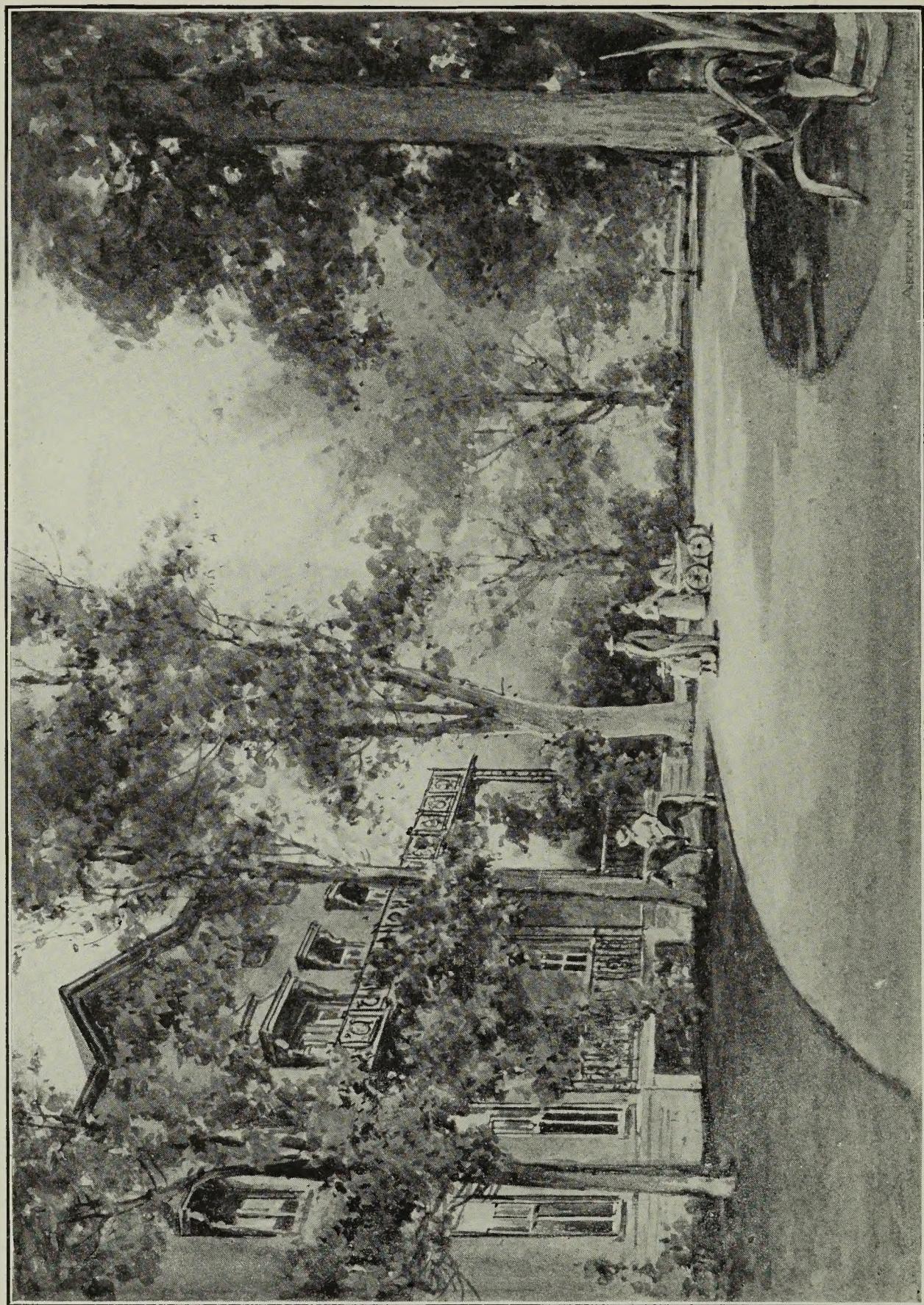
SOME PRACTICAL SUGGESTIONS  
EMPHASIZED BY ILLUSTRATIONS  
OF A FEW THAT ARE SO LIGHTED

*Published by*

GILBERT & BARKER MANU-  
FACTURING COMPANY

1906

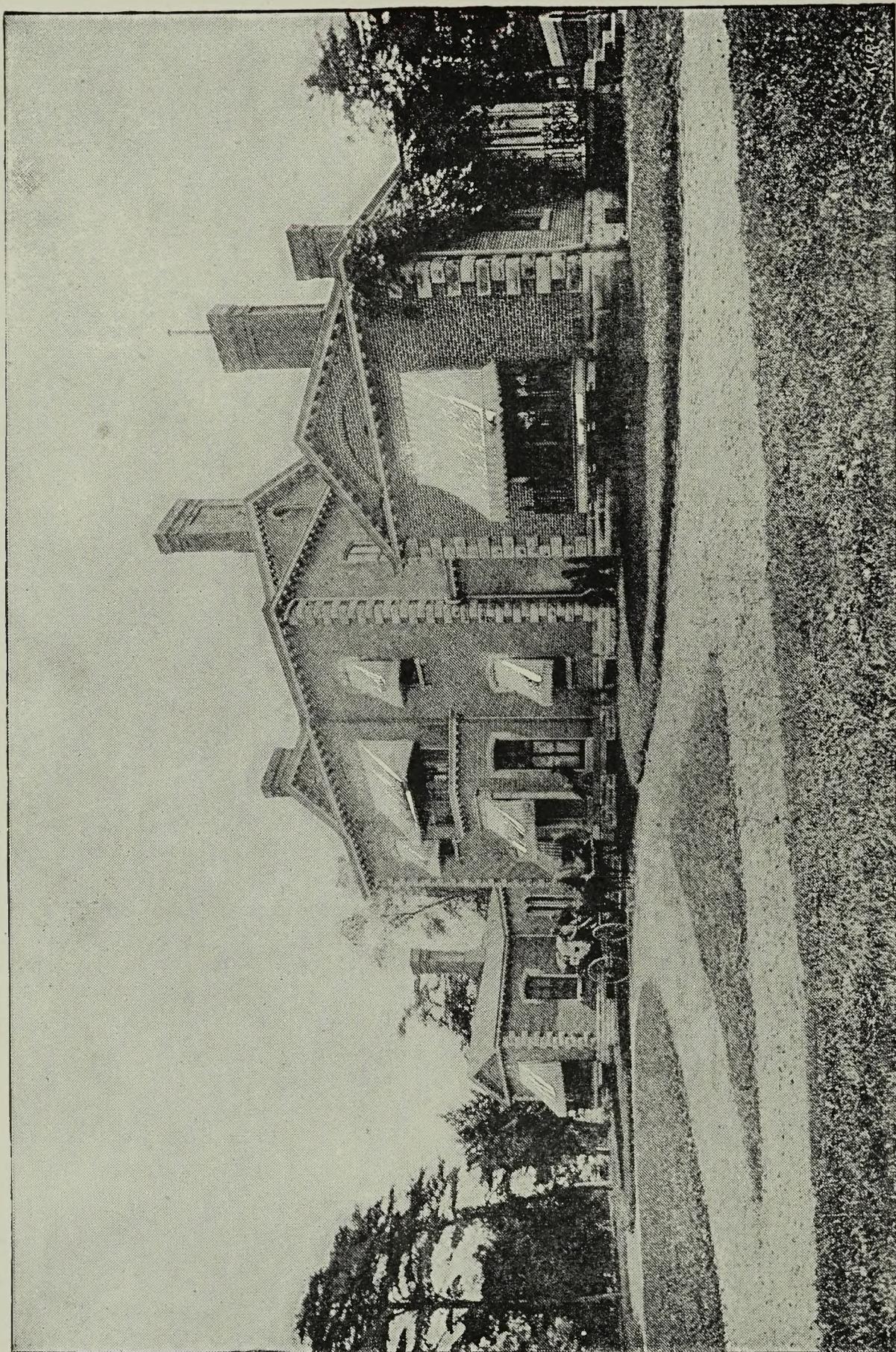
"WOODBURN HOUSE," RESIDENCE OF MR. A. J. ALEXANDER, SPRING STATION, KY.



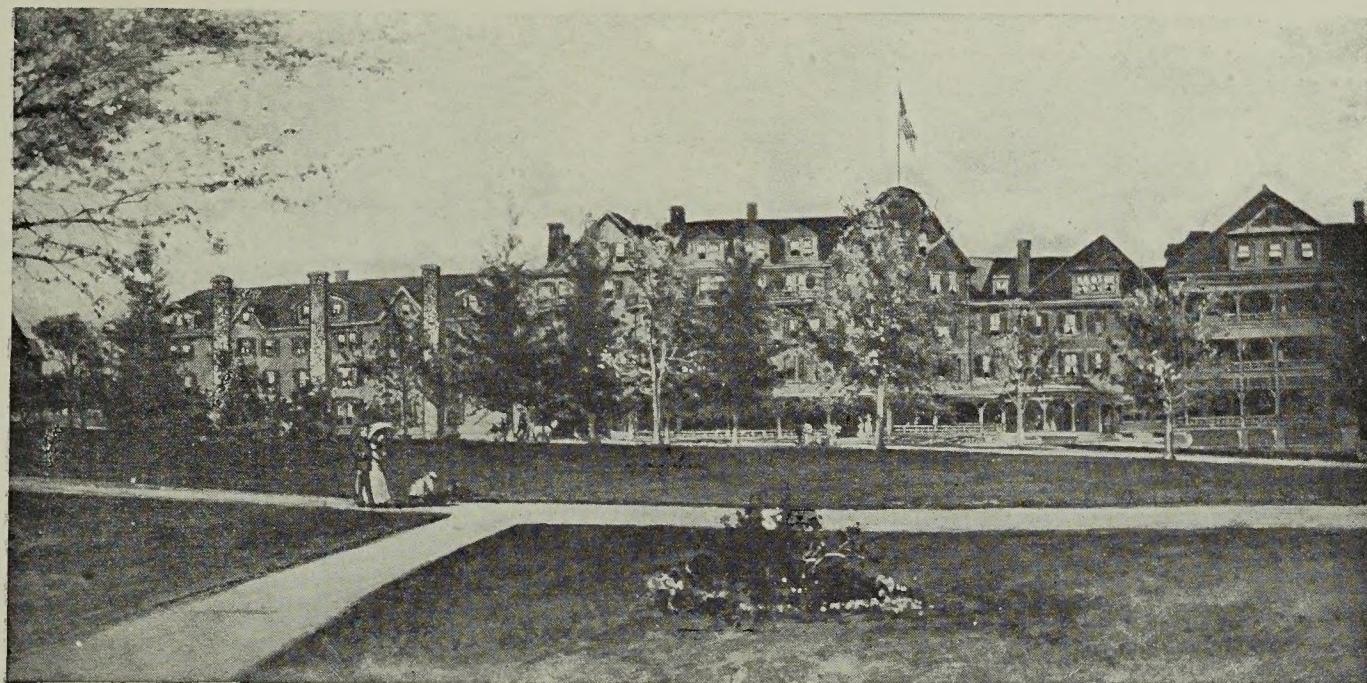
THE FOUR OFFICES OF THE  
GILBERT & BARKER MANUFACTURING COMPANY  
ARE AS FOLLOWS

NEW YORK CITY, 82 JOHN STREET  
SPRINGFIELD, MASS., 193 LYMAN STREET  
BOSTON, MASS., 51 UNION STREET  
PHILADELPHIA, PA., 12 N. SEVENTH STREET

AVERY LIBRARY  
COLUMBIA UNIVERSITY



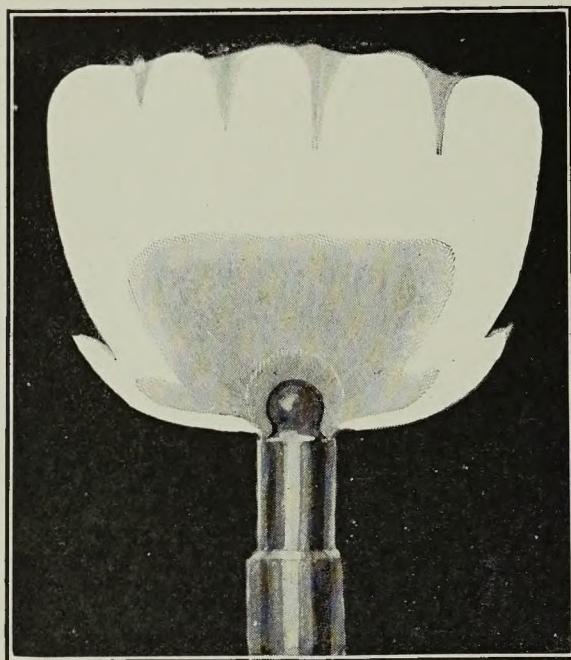
"ASHLAND," THE HOME OF HENRY CLAY



SOMERSET INN, BERNARDSVILLE, N. J.

**T**HE Springfield Gas Machine has been perfected by an experience of more than a third of a century. As it has from the first been made of the most durable materials and with the most perfect workmanship, there are doubtless more of these machines in actual operation to-day than of all the others combined. Thousands of other machines, which have been made of inferior material, are now out of use, because they have been destroyed by corrosion, often within three or four years after being set up. The air pump and gas generator of the Springfield Machine are constructed entirely of galvanized Bessemer steel, the mixer of cast iron.

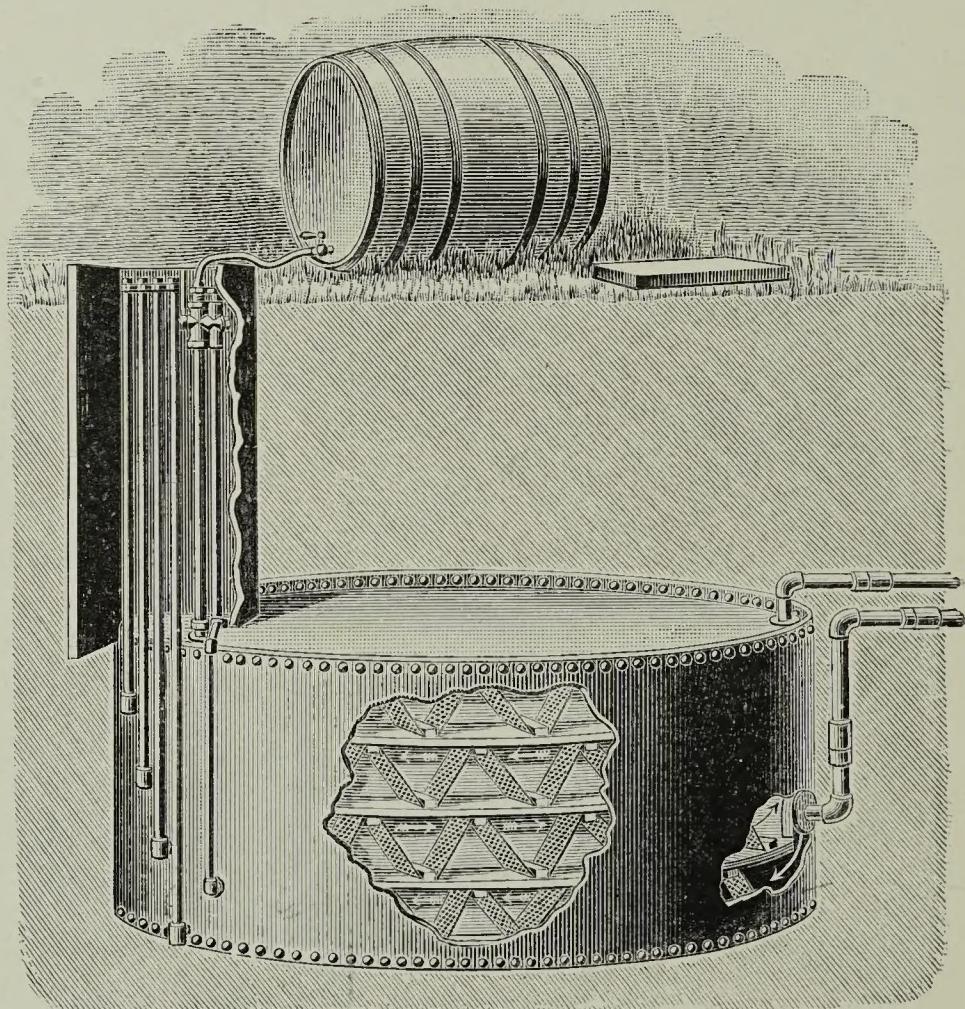
The fluid called gasoline is a pure spirit, distilled from naphtha. It is seventeen per cent. hydrogen and eighty-three per cent. carbon; its weight is thirty-five per cent.



liquid into vapor occasions refrigeration.

Six gallons of gasoline contained in a thousand cubic feet of gas, in the ratio of fifteen parts of gasoline vapor to eighty-five parts of air, will supply an illuminating flame in an open burner, may be measured through an ordinary gas meter, and affords illumination and

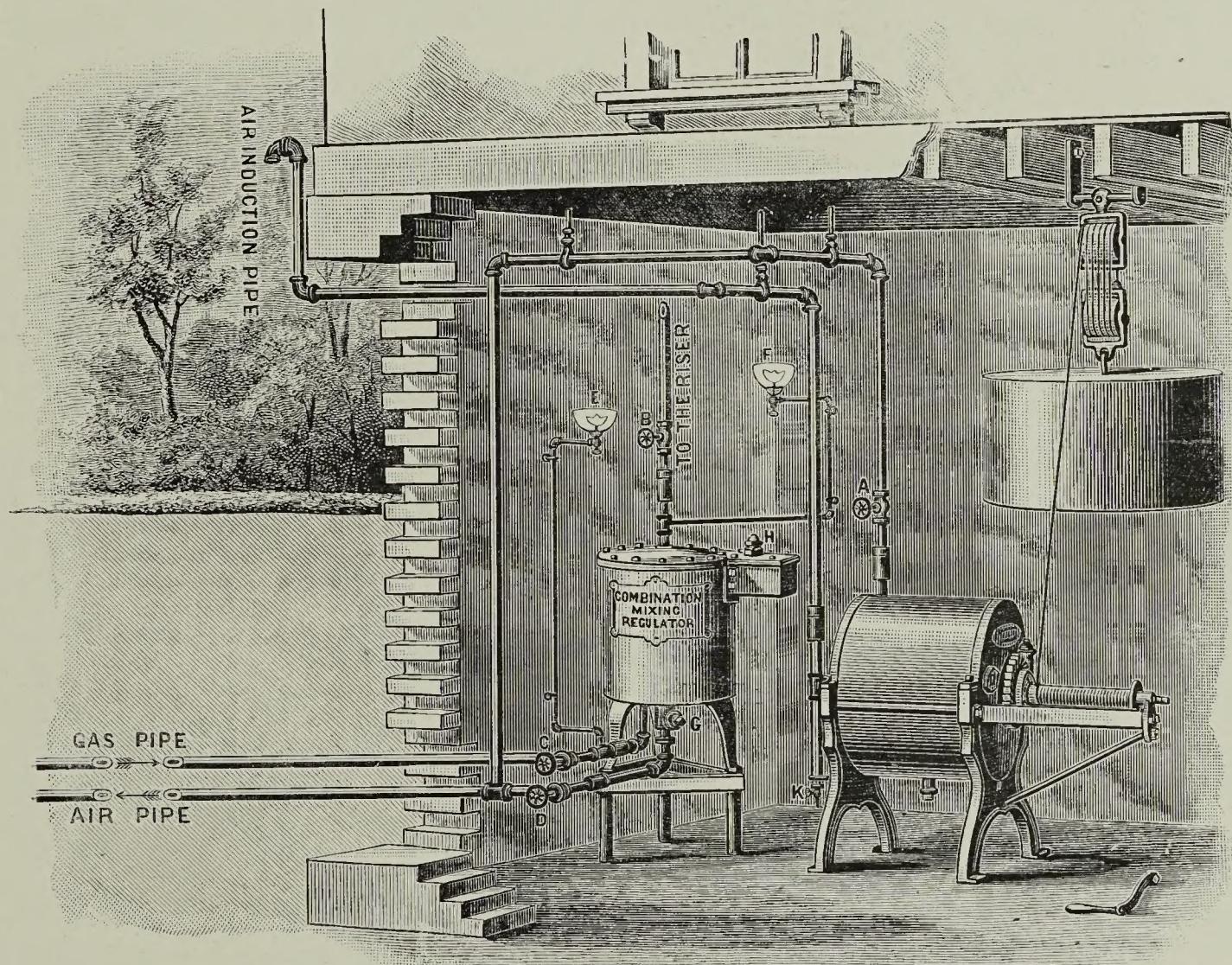
less than that of water; its hydrometric gravity ranges from 86° to 90° Baumé; it is highly volatile, having such strong affinity for air that when brought in contact with a current of it at normal temperature, the entire mass passes readily into a vapor, leaving no residuum behind. This operation obeys the natural law, that the conversion of a



GAS GENERATOR—PLATE No. I

heat units equal to those contained in a thousand cubic feet of standard city gas.

The office of a gas machine, therefore, when constructed with full appreciation of the natural laws stated above, is to distribute *automatically* six gallons of gasoline contained in each thousand cubic feet of gas, and to make the mixture *constantly uniform under varying conditions of use, quantity*



AIR PUMP—PLATE No. 1

and temperature. It should be so constructed that it will produce a gas of uniform quality for years with no manipu-

lation or adjustment, except to wind up the propelling weight once a day, and supply the generator with a proper amount of gasoline several times a year.

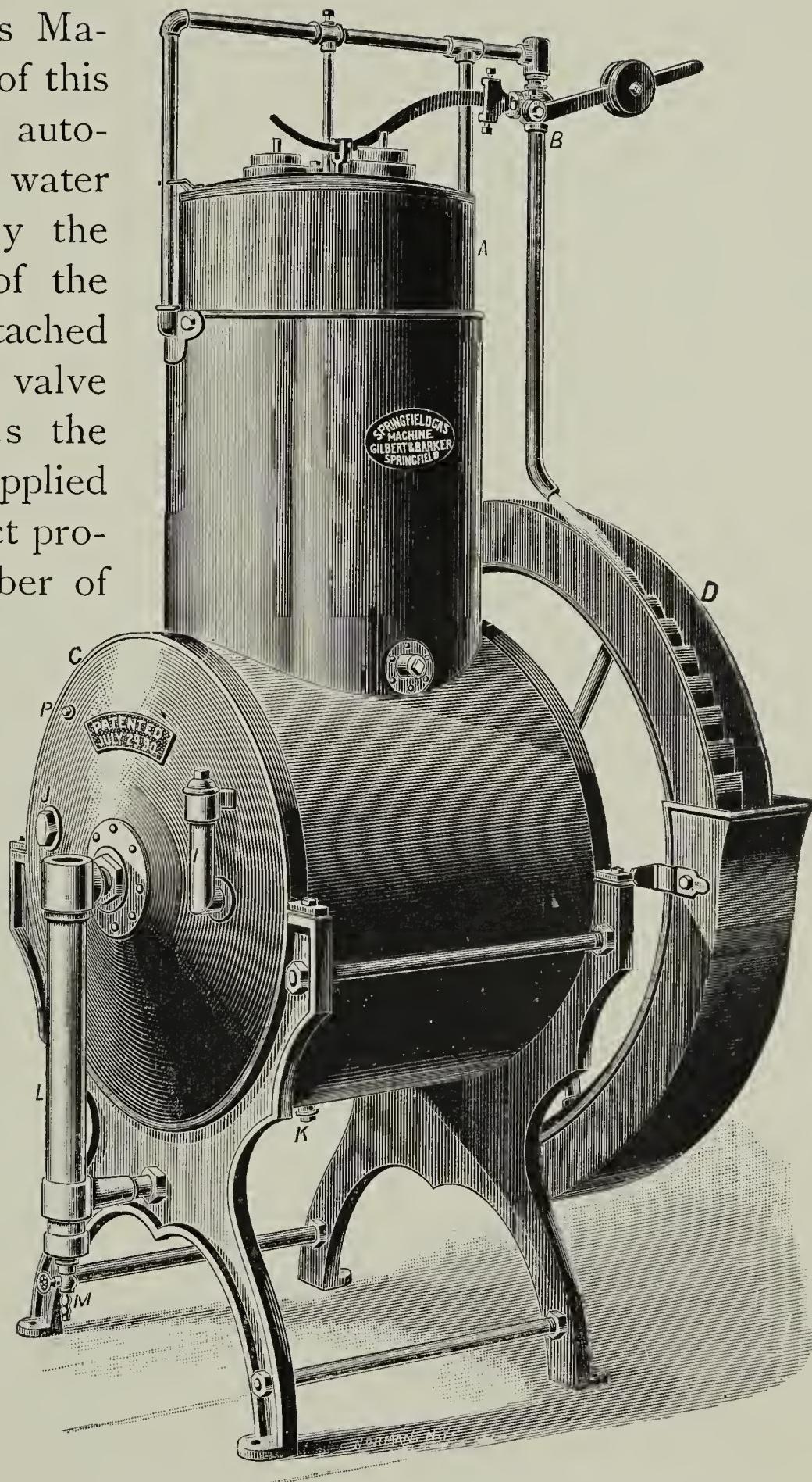
The apparatus shown on Plate No. 1 is the only device ever offered which accomplishes this result. Its essential parts are an **Air Pump**, which supplies the current of air, a **Gas Generator** (buried in the earth thirty feet or more from the building), which contains the fluid, and furnishes the necessary evaporating surface; and a **Mixing Regulator**, which compels the proper proportion of air and vapor to mingle.

We consider these three parts as follows :

First. **THE AIR PUMP**, Plate No. 1, is constructed substantially like a meter wheel, known as a wet meter, and formerly used to measure coal gas, differing, however, in that the meter wheel was revolved by the action of the gas passing through it, while our pump is operated by a weight or water wheel. This instrument is singularly well adapted to its work. Since the propelling weight exerts a uniform power, the pressure furnished by the pump is always the same, whether one burner be lighted or the full number for which the pump is rated. But, in the latter case, since a larger volume of air is required, the pump responds to such demand by a more rapid movement, so that while pressure is constant, volume is automatically variable, and the pump ceases to move when all the burners are turned off.

Plate No. 2 illustrates our **WATER-WHEEL AIR PUMP**, one of the most important distinctive features of

the Springfield Gas Machine. The action of this machine is entirely automatic, the supply of water being controlled by the rising and falling of the holder A, which, attached by a lever to the valve B, nicely regulates the amount of water supplied to the wheel, in exact proportion to the number of burners lighted. If all the burners are shut off, the pressure, accumulating in the holder A, raises it and shuts the water off entirely. Now, if a single burner is lighted, the holder falls a trifle, allowing only enough water to fall upon the wheel to carry one burner. The holder so rising and falling as burners



AIR PUMP OPERATED BY WATER—PLATE No. 2

are turned off or on, not an ounce of water is wasted, and as the water is in no way contaminated by such use, it may be saved by being drained into the well or cistern. Six quarts of water will run one burner an hour.

The advantages of this Air Pump over that operated by a weight are, that it requires no attention; never runs

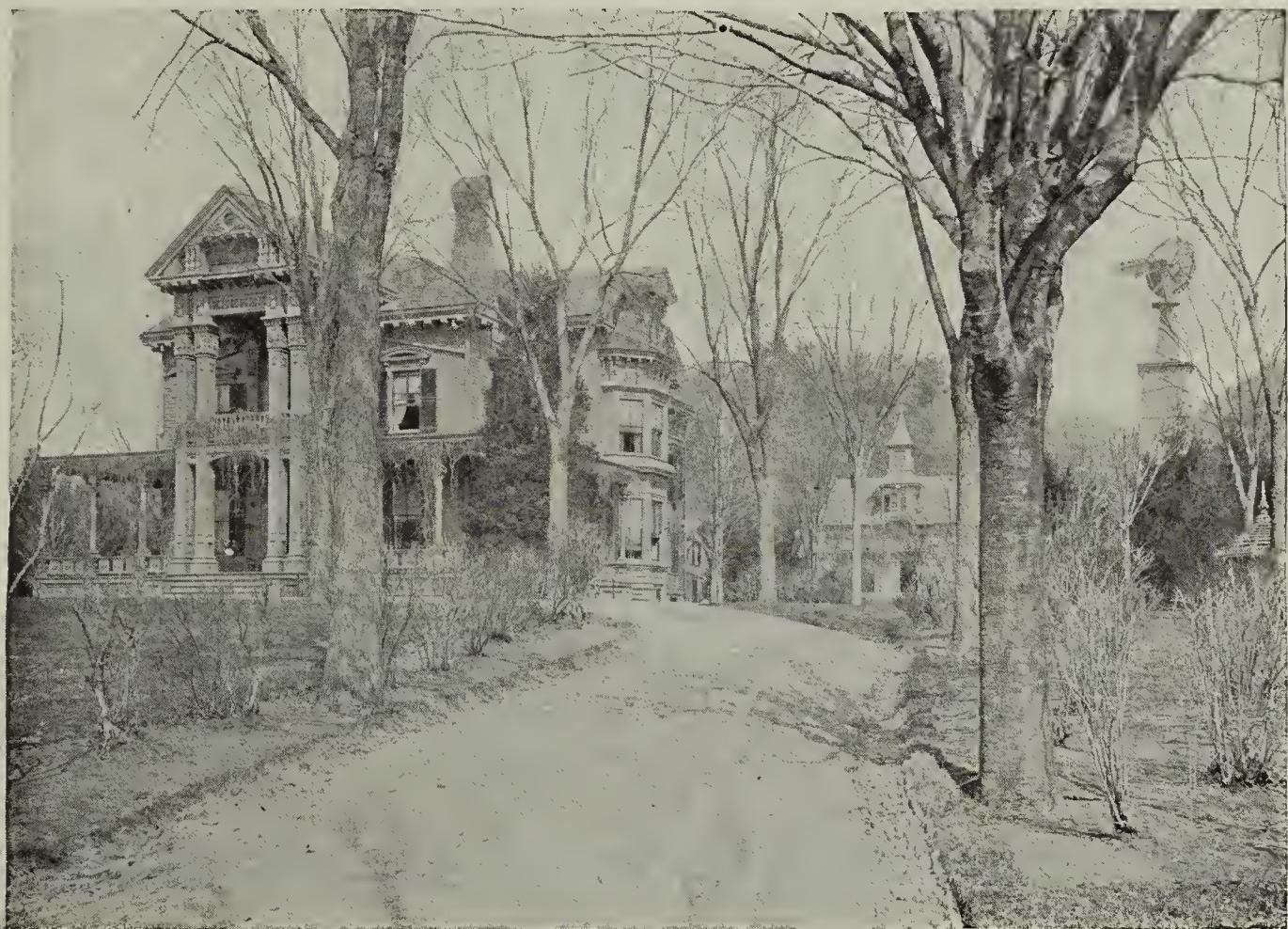


SUMMER RESIDENCE OF R. A. SIBLEY, SPENCER, MASS.

down; is ready for use at all times; and, as it runs under a light power and low speed, is more durable, and furnishes a more uniform pressure. *These Pumps are sold at the same price as the weight pumps.*

Second. **THE GAS GENERATOR**, Plate No. 1, has every seam not only riveted like a steam-boiler, but massed

in solder, so that the cut edges of the steel and the exposed ends of the rivets are completely plated with that metal. It is then covered with boiling tar in several coats. It has large capacity, and is so arranged as to give the greatest possible evaporating surface to the action of the air. Strictly speaking, it is a compound generator; it is made up of a number of evaporating pans or chambers placed in a cylinder one above another. These chambers are divided by frames (which support the several pans) into sinuous passages, which are again subdivided by aprons of textile fabric, which, by capillary attraction, constantly draw the gasoline up into close contact with the air passing through



RESIDENCE OF M. B. RICHARDSON, LIME ROCK, CONN.



"YADDO," RESIDENCE OF MR. SPENCER TRASK, AT SARATOGA

the generator. The advantage of building a gas generator upon the plan above explained is, that in exposing a number of chambers holding a large quantity of fluid to the refrigeration consequent upon rapid evaporation, this effect is lessened *proportionately* to the extent of the evaporating surface and quantity of fluid exposed. For instance, supposing that a gas generator of a certain size is required to supply five burners with gas, it follows that to furnish fifty burners a generator proportionately larger should be used. The chilling effect produced by the rapid evaporation necessary to supply a large number of burners, when concentrated upon a small body of fluid, accounts for the fact

that many machines, which work fairly well when only a few burners are in use, fail utterly when the building is fully lighted and a much greater number are burning.

Gasoline evaporates as the square of its temperature. in winter the temperature may be as low as  $40^{\circ}$ , while in summer it may rise as high as  $80^{\circ}$ . Hence, a generator may do four times as much work, without artificial heat, at one time as at another.

The number of square feet of evaporating surface required to vaporize a gallon of gasoline in a given time is as well ascertained as the amount of surface in a steam boiler required to convert a gallon of water into steam.



RESIDENCE OF MR. ALFRED A. POPE, FARMINGTON, CONN.

There should be no difficulty in determining the size of a gas generator to accomplish any given amount of work. We are ready at all times to *guarantee* the amount of gasoline our generators will evaporate in a given time.

Other things being equal, the more evaporating sur-

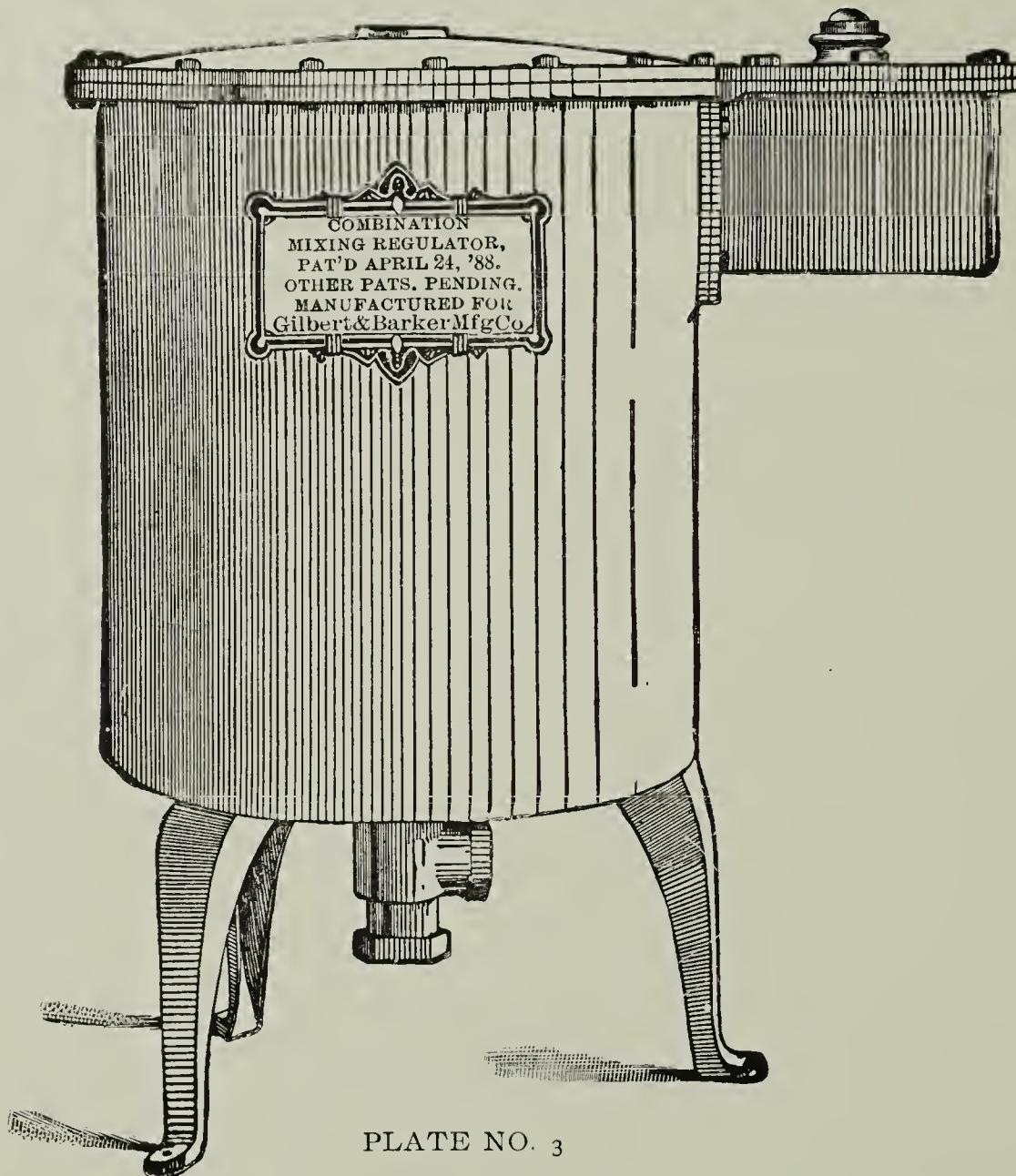


PLATE NO. 3

face the gas generator presents, the stronger and more uniform will be the quality of gas furnished, and proportionately the more reliable will be the machine.

Third. **THE MIXING REGULATOR**, Plate No. 3, is the only Automatic Regulator of the quality of gasoline gas ever devised.

A boat floats in water because the weight of the volume of water which it displaces equals the weight of the boat. The same law governs aeriform fluids or gases as does liquids.

A balloon rises in air because the weight of the balloon and its load, and the hydrogen gas which it contains is less than the air which it displaces.

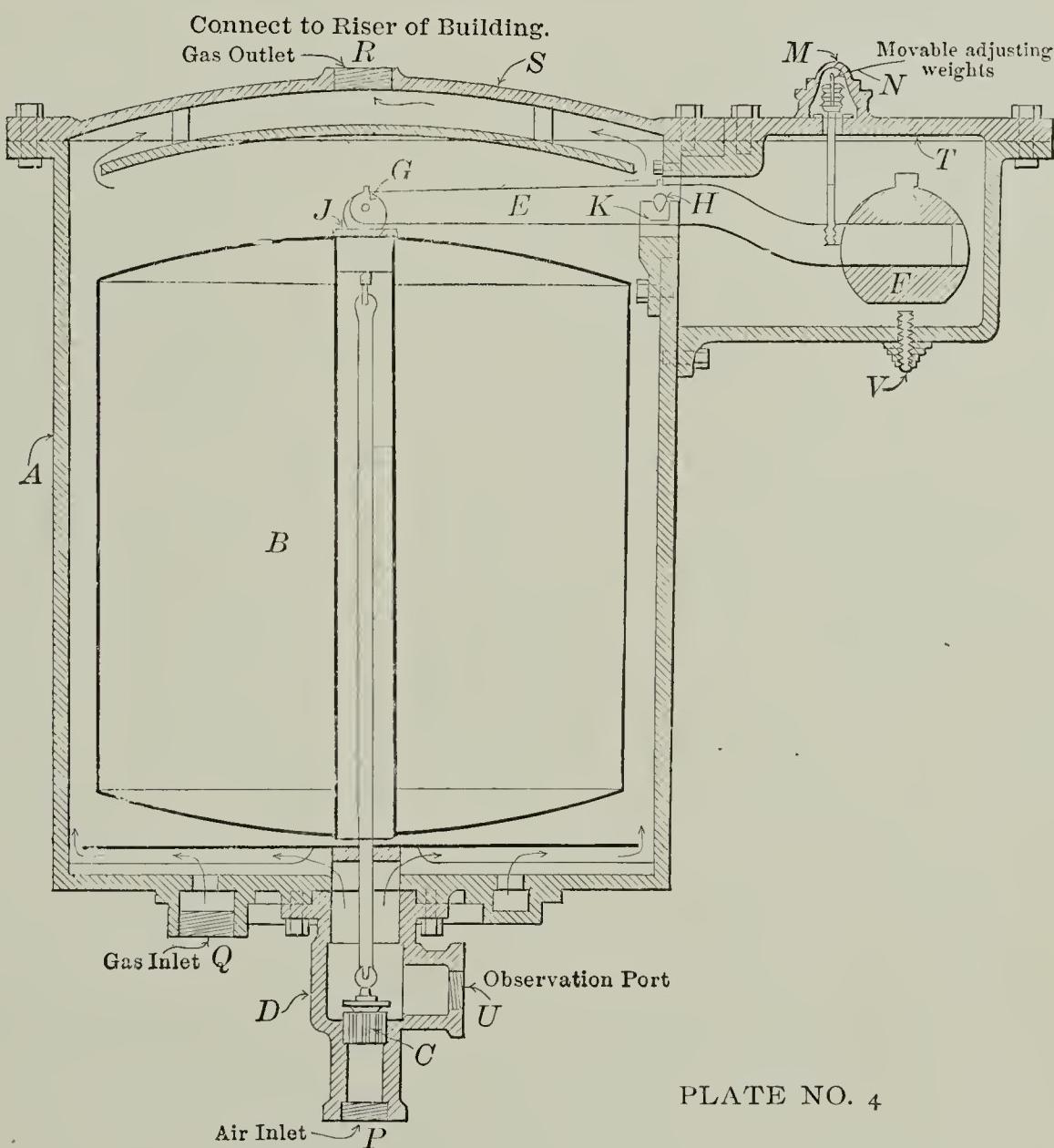


PLATE NO. 4

Plate No. 4 shows a very substantial cast-iron case in which is suspended a strong sheet-metal can B, closely sealed, and containing nothing but air. The balance-beam E, to which this is hung, is sustained by pin H on agate bearings K. Since the counterpoise F exactly balances the weight of the metal in the can B and its attachments, that factor is eliminated, and we have only to consider the weight of the air in the can, which is a constant quantity.

One thousand cubic feet of gasoline gas contains six gallons of gasoline, weighing more than thirty pounds. The air contained in the can B will therefore float in any gasoline gas which may be admitted into the shell around it, and as the gas tends to become rich or dense, the can rises and opens the port C, and so admits air and dilutes it. On the other hand, if the gas becomes thin and impoverished, the can falls and closes off a portion of the air or all of it.

This mixer is adjusted when installed so as to mingle the air and gas which pass through it in the proportion of 15 per cent. of vapor to 85 per cent. of air. This is a **Gas Weighing Machine**. It weighs the gas which passes through it, and if it is too heavy, it automatically opens an air-port and makes it lighter; or if it is too light, it automatically shuts the air-port and makes the gas a little heavier. It is a governor of quality. It automatically compels all the gas that passes through it to contain the desired proportion of air and gasoline vapor.

It will be seen that this mixer is durable and should last a lifetime, and that it requires no attention whatever;

once set up right, it may be left entirely to the operation of nature's unchanging laws, certain to produce the quality of gas described, as long as the gas generator is adequately supplied with gasoline.

## THE COST OF THE GAS



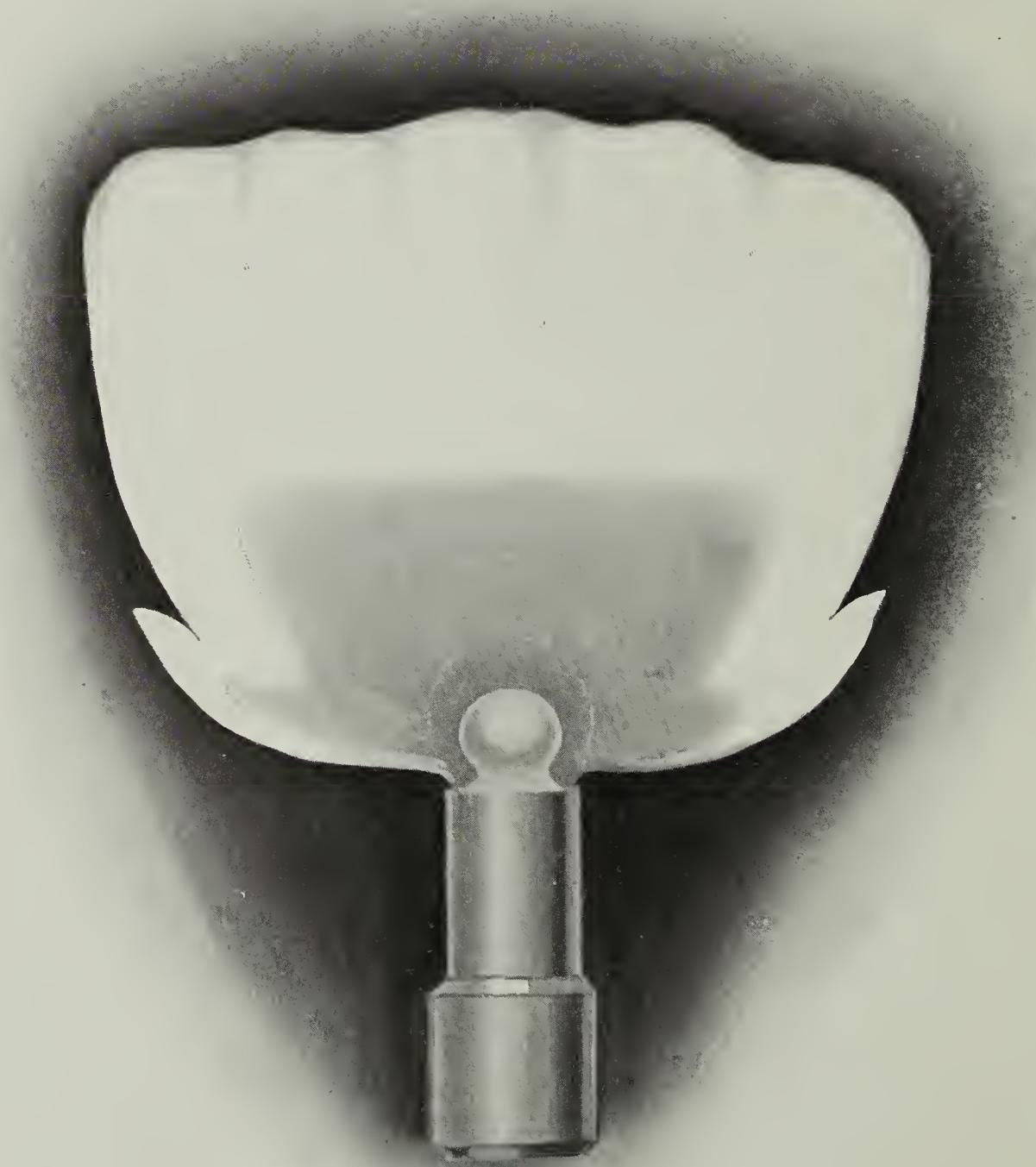
NO. 115 SPRINGFIELD BURNER  
*De Luxe*

As stated in an early paragraph, six gallons of gasoline are required to make a thousand cubic feet of this gas, so that at twenty-two cents per gallon, (the present price of gasoline), the gas costs less than the average price of city gas. But since gasoline gas has a higher value as fuel than has city gas, and since incandescent lighting is a fuel proposition, the Springfield Incandescent Burner with this gas affords the *cheapest artificial light in the world*. This claim is illustrated by the following comparisons:

A flat flame burner consuming four cubic feet of gas per hour, gives the light of sixteen candles, while a Springfield Incandescent Burner consuming three feet of gas per hour gives the light of fifty candles, showing that light by the former method costs *four times* as much as by the latter.

One gallon of gasolene costing twenty-two cents will supply a Springfield Incandescent Burner giving the light of twenty-five candles for 111 hours.

Fourteen pounds of Carbide of Calcium costing fifty-six cents will supply a burner giving the light of twenty-five candles 111 hours.





RESIDENCE OF S. JOHN LEA, ASHBOURNE, PA.

Acetylene light costs two and one-half times as much as gasolene.

It costs from one-half to one cent per hour to maintain an electric lamp, giving the light of sixteen candles, while with the Springfield Incandescent Burner gasolene gas produces the light of sixteen candles, while consuming one cubic foot of gas per hour, costing *one-eighth* of one cent. Hence, it will be seen that electric light costs from *four to eight times* as much as light obtained by this method.



## SAFETY OF THIS METHOD

The apparatus illustrated by Plate No. 1, is installed in exact accordance with the Rules of the New York Board of Fire Underwriters, as revised and published October 20, 1886, a copy of which will be furnished on application.

It will be seen that the gas generator which contains all the gasoline is located underground at least thirty feet from the building. We have now many thousands of these machines in use, covering a practice of thirty-six years and we don't know that any insurance company has ever paid a dollar of loss caused by one of them.



MOUNT WASHINGTON HOTEL, WHITE MOUNTAINS, N. H.

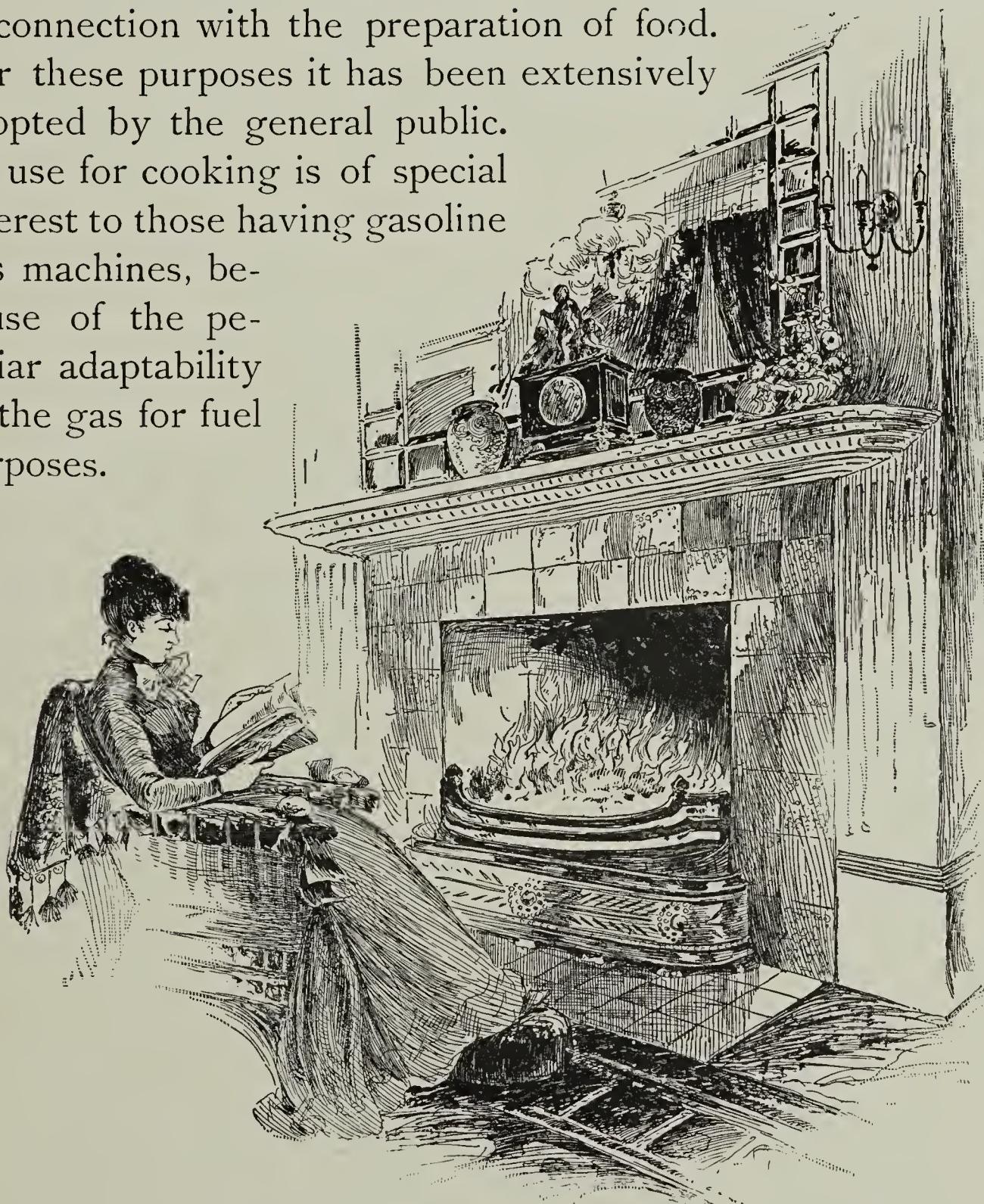
## UTILITY OF THE GAS

Gasoline gas is an economical and convenient fuel for cooking and laundry purposes. This is clearly shown by our illustrated catalog (mailed free) of gas ranges, broilers,

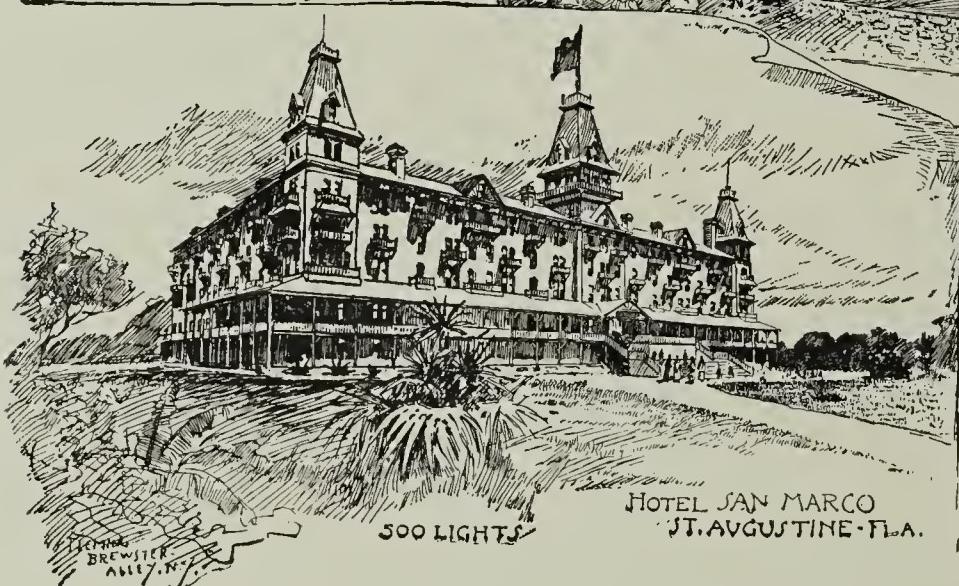
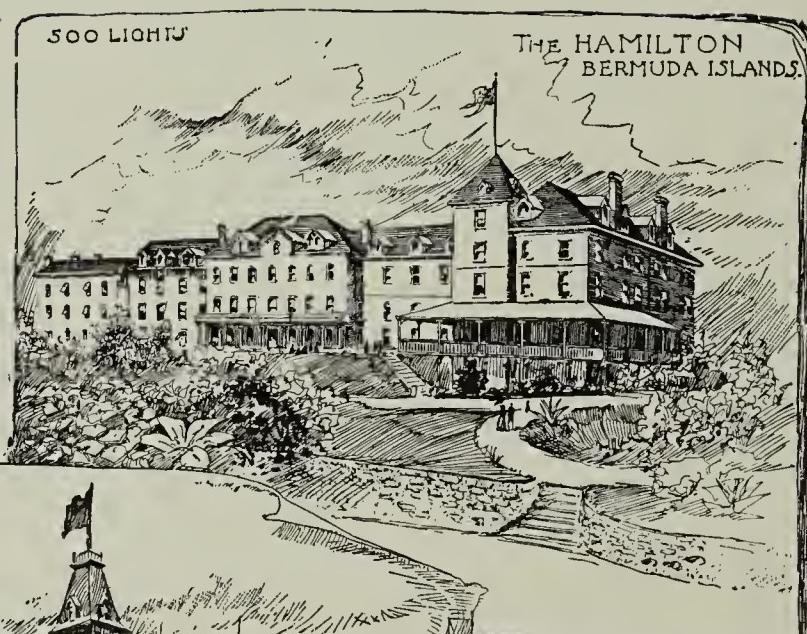


laundry iron heaters, gas logs, gas stoves, water heaters and gas radiators.

One of the most interesting uses to which gas may be put in promoting domestic comfort is undoubtedly that in connection with the preparation of food. For these purposes it has been extensively adopted by the general public. Its use for cooking is of special interest to those having gasoline gas machines, because of the peculiar adaptability of the gas for fuel purposes.



THE PRINCESS HOTEL AND THE  
HAMILTON HOTEL  
BERMUDA  
ISLANDS:  
ARE EACH LIGHTED BY  
500 LIGHT  
SPRINGFIELD GAS MACHINES



HOTEL SAN MARCO  
ST. AUGUSTINE - FLA.

HOTELS IN FLORIDA LIGHTED BY THE SPRINGFIELD GAS MACHINES	
FLORIDA HOUSE	ST. AUGUSTINE
HOTEL SAN MARCO	ST. AUGUSTINE
THE LEON HOTEL	TALLAHASSEE
BROCK HOUSE	ENTERPRISE
MAGNOLIA HOTEL	MAGNOLIA
THE SEMINOLE	WINTER PARK
INDIAN RIVER HOTEL	ROCK LEDGE
OCALA HOUSE	OCALA
HOTEL PUNTA GORDA	TRABUE
FORT GEORGE HOTEL	FORT GEORGE
THE WALTHAM	LONGWOOD
SILVER SPRINGS HOTEL	SILVER SPRINGS
SANFORD HOUSE	SANFORD

Since gas heaters have been developed for the rapid and economical heating of the water in the kitchen boiler, no objection remains to the complete discarding of coal and wood for kitchen and laundry uses.

This gas is used as fuel in the mechanical arts for heating light forgings; melting gold, silver, brass, glass, and the like, soldering, brazing, bluing; in canneries and by manufacturers of hollow ware. We invite correspondence on this branch of the subject, and we will submit plans and estimates for the construction of special apparatus for generating *fuel gas* from the cheaper products of naphtha, known as stove gasoline. For these purposes this gas is used by

more than two hundred and fifty canners and can makers; in about a hundred laboratories and by a thousand other manufactories in which a gaseous fuel is adaptable.

The following village plants, most of them regularly incorporated gas companies, are supplying gas made by these machines, satisfactorily to their customers and profitably to their owners :



RESIDENCE OF MR. DENMAN THOMPSON, WEST SWANSEA, N. H.



HOUSE OF OLIVER AMES, NORTH EASTON, MASS.

Merchants Gas Co., South Otselic, N. Y.

South New Berlin Gas Co., South New Berlin, N. Y.

West Winfield Gas Co., West Winfield, N. Y.

Opera House & Gas Co., Sherburne, N. Y.

Afton Gas Co., Afton, N. Y.

Bainbridge Gas Co., Bainbridge, N. Y.

Cincinnatus Gas Co., Cincinnatus, N. Y.

DeRuyter Gas Co., DeRuyter, N. Y.

Morris Gas Co., Morris, N. Y.

Commercial Gas Co., Oxford, N. Y.

Clinton Gas Co., Easthampton, L. I.

D. A. Parker & Co., Edmeston, N. Y.

C. E. Hitt, Delhi, N. Y.

Hancock Gas Co., Hancock, N. Y.

Roxbury Lighting Co., Roxbury, N. Y.

Margaretville Gas Co., Arkville, N. Y.

In 1867 (39 years ago) the first Springfield Gas Machine, having its generator located in the ground, was installed at the Water Shops of the United States Armory, at Springfield, Mass. The gas was used for lighting and for brazing;

the machine enlarged and modernized is still in use producing one hundred thousand cubic feet of gas per day for forging, brazing, annealing, tempering, etc.



MARY LYON HALL  
ADMINISTRATION BUILDING AND CHAPEL, MOUNT HOLYOKE COLLEGE

The plant at the Mt. Holyoke College at South Hadley, Mass., illustrates the size and scope of these machines. It was installed in 1897. It has a total capacity of eight thousand gallons of gasoline; the gas mains are

Dwight  
Art  
Memorial  
Building



Mary  
Bingham  
Hall



Mead  
Hall

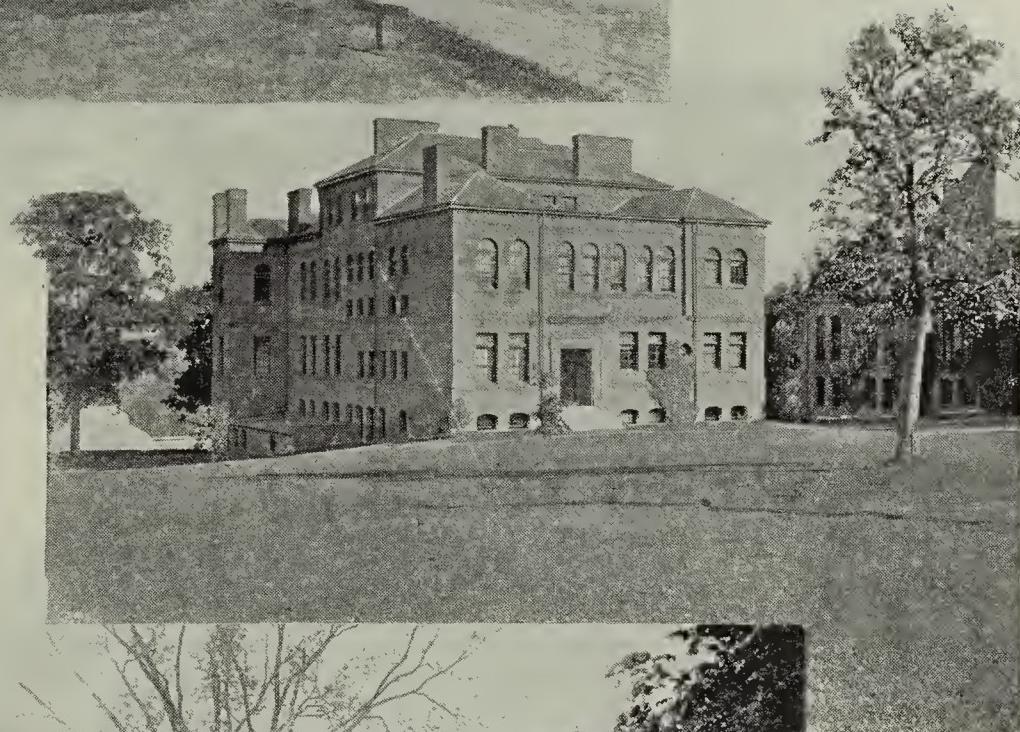


Pearsons  
Hall





Safford  
Hall



Lydia  
Shatuck  
Hall



Lyman  
Williston  
Hall

eight inches in diameter; it supplies thirteen different buildings, seven of them being dormitories, an administration building, science hall, laboratory, gymnasium, art

Residence of  
Mrs. James  
McMillan,  
Manchester-  
by-the-Sea,  
Mass.



Residence of Right  
Rev. Alexander  
Mackay-Smith,  
Seal Harbor, Maine



Residence of Mr. W. D. Porter, Castine, Maine

building and library. There are a thousand incandescent burners and a thousand flat flame burners; all of the dormitories using the gas for fuel purposes in their laundries,

and the laboratory being furnished with Bunsen burners and usual laboratory apparatus.

The farthest building from the gas house is two thousand feet away, and at an elevation of a hundred feet above the machine. This apparatus delivered last year three and a half millions cubic feet of gas, and from the time the plant was started to this date the gas has never failed to respond to every demand which has been made upon it.

#### TO PEOPLE WHO ARE BUILDING

We venture to suggest the propriety of your putting in pipes for gas, even though you may not contemplate the immediate purchasing of a Gas Machine; for the expense of putting in pipes, if done at the proper time, while the structure is in progress, is trifling.

Ordinary pipes, such as are used in the introduction of coal-gas, are the only ones needed.

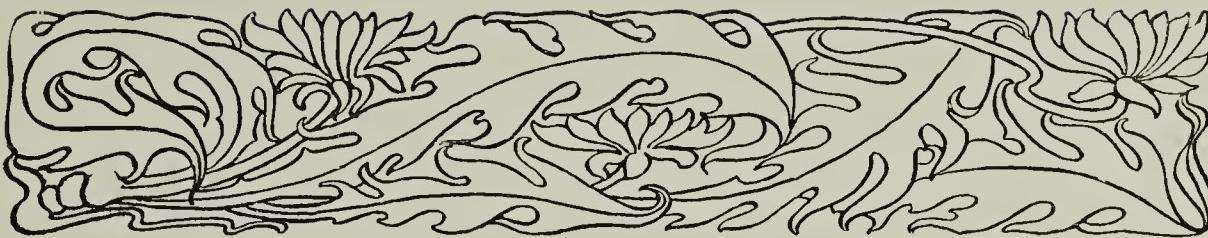


RESIDENCE OF MR. W. BAYARD CUTTING, OAKDALE, L. I.

For the proper flow and operation of Machine Gas, it is important that all bracket-pipes be run up from the floor below, in distinction to dropping from overhead; that all branch pipes for center lights be taken from the side of the running lines; that the whole system of piping should tend to decline toward the main rising pipe, and be free from low places or traps, and be proven with a pressure of air, under a test gauge, to be perfectly air and gas tight.

The following scale of sizes of pipe, and number of burners to be supplied therefrom, is found by experience to show the proper size to secure a good flow of gas and to give the most satisfactory results:

Greatest Number of Feet to be Run.	Size of Pipe.	Greatest Number of Burners to be Supplied.
20 feet.	3/8 inch.	2
30 "	1/2 "	4
50 "	3/4 "	15
70 "	1 "	25
100 "	1 1/4 "	40
150 "	1 1/2 "	70
200 "	2 "	140
300 "	2 1/2 "	225
400 "	3 "	300
500 "	4 "	500



## *Letters from some who are using our Machine:*

MOUNT HOLYOKE COLLEGE  
South Hadley, Mass.

GILBERT & BARKER MFG. Co.      NORTHAMPTON, MASS., June 9, 1905.  
Springfield, Mass.

*Gentlemen*—The 2000-light Springfield Gas Machine which you furnished Mount Holyoke College in 1897, lighting the seven dormitories, and administration building, science hall, laboratory, gymnasium, art building and library, has been in use for eight years, and is giving very good satisfaction.

With your Automatic Mixing Regulator and incandescent burners, the quality of the light is good and well adapted to all various purposes of the institution, and I am pleased to be able to so report to you.

About a year ago you made us a special burner for use under chafing dishes, and we have installed several hundred of them to our satisfaction, and we find them much more economical and safer than lamps using alcohol.

Yours truly,      (Signed) A. L. WILLISTON, Treas.

H. M. FLAGLER.

GILBERT & BARKER MFG. Co.      PALM BEACH, FLORIDA, Oct. 4, 1905.

*Dear Sirs*—In reply to your inquiry of the 3d inst. as to my opinion regarding the Springfield Gas Machine, I beg to say that I have had one in use at my country home in Mamaroneck for *twenty years*. It gives me entire satisfaction. When we built the Royal Poinciana Hotel at Palm Beach, we lighted with gas, installing the Springfield Gas Machine, which, if I remember correctly, had nearly 3000 burners. At that time I think it was the largest private gas machine in the country. We are still using the machine to its utmost capacity for laundry and other heating purposes. I do not know of any gas machine that is any better.

Yours truly,      H. M. FLAGLER.

H. H. ROGERS, 26 Broadway.

GILBERT & BARKER MFG. Co. NEW YORK, Nov. 28, 1905.

*Dear Sirs*—I have used your Combination Mixing Regulator in connection with your Springfield Gas Machine for the lighting of my house and stable at Fairhaven, Mass., during the past ten years. The regulator has governed the quality of gas most perfectly, regardless of the number of burners in use, and by its perfect automatic control removes the old objection of smoke.

Yours truly,

H. H. ROGERS.

DOSORIS PARK, GLEN COVE, L. I., Nov. 6, 1905.

GILBERT & BARKER MFG. Co.

*Dear Sirs*—The three Combination Mixing Regulators in use in our houses at Dosoris Park, L. I., during the past eight or ten years, have given entire satisfaction.

The automatic control regulates the quantity and quality of the gas so perfectly that we do not have to adjust either of the machines during the entire season.

Yours truly,

C. M. PRATT.

#### GRAND CENTRAL STATION.

GILBERT & BARKER MFG. Co. NEW YORK, February 17, 1903.

*Gentlemen*—In response to your inquiry, I would say that the two gas machines and automatic mixers which you installed at Sagamore Lodge, have so far proved very satisfactory.

Yours truly,  
ALFRED G. VANDERBILT.

ROSEMOUNT HALL, Esopus-on-the-Hudson.

GILBERT & BARKER MFG. Co.

Your letter of advice of January 3d is very much appreciated, and I beg to acknowledge your courtesy.

Your Gas Machine has proved a great success with us. As we use the incandescent burners the light cannot be excelled, and light was all we expected at first. But we added gas logs in a few rooms, then conveniences for the laundry and butler's pantry, and hot water heater for summer, and finally we added a gas-power engine to be operated at the barn together with a pumping engine. And it does all of these things well.

Very truly yours, ALTON B. PARKER.

F. P. OLCOTT, 54 Wall Street.

GILBERT & BARKER MFG. Co. NEW YORK NOVEMBER 13, 1905.

*Dear Sirs*—The Springfield Gas Machine whieh you installed to light my residence in Bernardsville, N. J., some sixteen years ago, has always given me satisfaetion, and has abundantly justified the claims you made for it.  
Most truly yours, F. P. OLCOTT.

H. O. HAVEMEYER, 117 Wall Street.

GILBERT & BARKER MFG. Co. NEW YORK NOVEMBER 30, 1905.

*Dear Sirs*—It affords me great pleasure to testify to the excellent working of the Gas Machine furnished by you, and which has been in uninterrupted good working order for fifteen years.

That part of the apparatus known as the "Mixer" has done admirable and satisfactory service. Yours truly, H. O. HAVEMEYER.

OLIVER AMES. SAMUEL CARR. OLIVER W. MINK.

Trustees under the will of Frederick L. Ames, 96 Ames Building.

GILBERT & BARKER MFG. Co. BOSTON, November 24, 1905.

*Gentlemen*—In reply to your inquiry as to how I like the Springfield Gas Machines that you have put in for me in North Easton, I would say that in the last fourteen years I have had five of them put in, and up to date they have given most perfect satisfaetion in every way. We have had practically no repairs on them and they have caused not the slightest trouble or anxiety. At this writing I consider them by far the most perfect and satisfactory machine of the kind I have ever seen.

Yours very truly, OLIVER AMES.

SPENCER TRASK.

GILBERT & BARKER MFG. Co. NEW YORK, November 15, 1905.

*Dear Sirs*—Your Gas Machine has been in use at "Yaddo," my Saratoga country home, for the past twenty-two years, and has given general satisfaction.  
Yours truly, SPENCER TRASK.

JOHN SLOANE, 884 Broadway.

GILBERT & BARKER MFG. Co. LENOX, MASS., November 23, 1905.

*Dear Sirs*—The 300-light machine, and the 75-light machine, give excellent service and have proved most satisfaetory to me.

Very respectfully, JOHN SLOANE.

32 NASSAU STREET, NEW YORK CITY, September 6, 1893.

GILBERT & BARKER MFG. CO.

*Dear Sirs*—As to your machine used in my residence, at Oakdale, L. I., I would say:

First, that the Automatic Regulator is capable of reducing the gas to a substantially uniform quality, which can be burned through plain burners.

Second, the Air Pump of my machine is operated by a Water-wheel which has given entire satisfaction.

My machine has been in use for about fourteen years.

Yours truly, W. BAYARD CUTTING.

NEW YORK, November 28, 1905.

Mr. Cutting authorizes us to say that he has not changed his opinion as expressed above after a further experience of seven years.

GILBERT & BARKER MFG. CO.

GILBERT & BARKER MFG. CO.

NEW YORK, October 3, 1905.

*Gentlemen*—Some seven or eight years ago, your mixing regulator having been brought to my attention, I contracted with you to put one in my residence in New Jersey, and it is a source of pleasure to say that it has worked with entire satisfaction, and during that period of time has never given us one moment's trouble; on the contrary, it has been a great comfort and our gas has been perfectly regulated. Our entire family are loud in their praises of the new combination mixer. By its use we are enabled also to use incandescent burners, and they work most perfectly under the new process. Yours very truly,

DUMONT CLARKE.

JOHN F. DRYDEN, President,

THE PRUDENTIAL INSURANCE COMPANY OF AMERICA.

HOME OFFICE, NEWARK, N. J., October 4, 1905.

GILBERT & BARKER MFG. CO.

*Gentlemen*—For some years I have had in use in my country residence at Bernardsville, N. J., a Springfield Gas Machine, with Automatic Mixer.

It gives me pleasure to state that the machine works satisfactorily, gives good light and is economical in its operation. I remain,

Very truly yours, JOHN F. DRYDEN.

NEW YORK, October 1, 1905.

GILBERT & BARKER MFG. Co.

*Dear Sirs*—I have used the Springfield Gas Machine in my house and stable at Bernardsville, N. J., since the summer of 1899, and gladly express my satisfaction with the illuminating power of the gas, and what is equally important, with the working of the machine, which has never been out of order during that time.

Yours truly,

THOMAS HUNT.

DILLON & HUBBARD, ATTORNEYS AND COUNSELLORS AT LAW,  
Western Union Building, 195 Broadway.

GILBERT & BARKER MFG. Co.

NEW YORK, October 30, 1905.

*Dear Sirs*—Your Automatic Mixing Regulator which you put in my house at Far Hills, N. J., nine years ago, is in all respects satisfactory.

Very truly yours, JOHN F. DILLON.

ROCHESTER N. Y., November 28, 1905.

GILBERT & BARKER MFG. Co.

*Dear Sirs*—The Springfield Gas Machine with Automatic Mixing Regulator was installed at my summer residence at Spencer, Mass., in June, 1899, and it gives me pleasure to state that it has given perfect satisfaction in every particular. It is easily cared for and so far has required no repairs.

Respectfully, RUFUS A. SIBLEY.

EDWARD HARLAND, President. GEORGE D. COIT, Sec'y and Treas.

CHARLES B. CHAPMAN, Asst. Treas.

THE CHELSEA SAVINGS BANK, Incorporated 1858.

GILBERT & BARKER MFG. Co. NORWICH, CONN., November 14, 1905.

*Gentlemen*—Your favor of the 13th inst. is at hand and I am happy to say in reply: The Eastern Point Gas Co. is a voluntary association of *thirteen seaside summer cottages* at Eastern Point, at the mouth of New London Harbor, Conn.

We have one of your plants which has been in operation for about seventeen years, although the Automatic Mixing Regulator was put in about seven years ago.

These cottages are all of them of fair size and will probably average about twelve rooms in each house. The machine has done us excellent service, supplying both the ordinary and incandescent burners.

I am, very truly yours, GEORGE D. COIT, Treas.,

The Eastern Point Gas Co.

## THE BELVIDERE NATIONAL BANK.

GILBERT & BARKER MFG. CO.      BELVIDERE, N. J., October 28, 1905.

*Dear Sirs*—I have used the Springfield Gas Machine with Mixing Regulator in my home for several years, and it has proved satisfactory.

The Regulator is certainly a great improvement.

The Air Pump *operated* by a Water-wheel is a success.

Yours truly,      D. C. BLAIR.

E. T. BEDFORD, 26 Broadway.

GILBERT & BARKER MFG. CO      NEW YORK, November 28, 1905.

*Dear Sirs*—I have had one of your Springfield Gas Machines at my country residence at Green's Farms for the past sixteen years. The Mixer, with very little attention, secures to us a uniform gas, which burns without smoke with the ordinary plain burners, the same as we are using at our home in Brooklyn. The Water-wheel Air Pump is a very great improvement over the weight, requiring no attention whatever.

E. T. BEDFORD.

CHARLES PAINE & SONS,

Consulting and Civil Engineers, 32 Park Place, New York.

GILBERT & BARKER MFG. CO.      TENAFLY, N. J., Sept. 7, 1905.

*Dear Sirs*—After ten years experience with the Automatic Mixing Regulator, which commenced operation Nov. 13, 1895, burning incandescent, Argand and Batswing lights, and after running the gas range and gas heaters at the same time, I am satisfied that the action of the regulator is excellent. The illumination of my house is not surpassed by any method of which I have any knowledge in respect of brilliancy, steadiness or expense.

Your obedient servant,      CHARLES PAINE.

OVERLOOK TERRACE

MORRIS PLAINS, N. J., October 5, 1905.

GILBERT & BARKER MFG. CO.

*Gentlemen*—It is now over fourteen years since you installed one of your gas machines in my residence, and it affords me pleasure to testify to its uniform excellence and adaptability to meet all the requirements for gas lighting in country houses.

The repairs and renewals demanded by constant use have been inconsiderable and the light furnished has been in all respects satisfactory.

Very respectfully,      ROBT. A. GRANNISS.

FRANCIS S. KINNEY, 135 Broadway.

GILBERT & BARKER MFG. Co. NEW YORK, November 15, 1905.

*Gentlemen*—The Springfield Gas Machine which you have placed in my country residence has given satisfaction.

Yours very truly, F. S. KINNEY.

SAMUEL LEA

TIMES FINISHING WORKS

S. JOHN LEA.

SAMUEL LEA & SON

1136-1148 St. John St., cor. Germantown Avenue.

GILBERT & BARKER MFG. Co. PHILADELPHIA, February 20, 1903.

*Gentlemen*—Years ago I put in a Springfield Gas Machine and Mixer, and the result has been very satisfactory. I had electric lights in my house and I cut them out, as the Gas Machine gave me much better light and cost only about half. The Jenkintown and Chittenden Gas Company about two years ago, ran their pipes past my house, and I thought I would put that in for lighting, and use the Gas Machine for cooking, and I got them to put it in and used it up to last September, when I decided on account of the poor light and heavy gas bills to discontinue it, which I did, and connected my gas plant to light the house again; the result is, I have twice a better light at about half the cost, and we do nearly all the cooking and part heating with it. I would not give it up again for any gas company.

Very truly yours, S. JOHN LEA.

WILLIAM PORTER ALLEN, 10 Wall Street.

GILBERT AND BARKER MFG. Co. NEW YORK, October 9, 1905.

*Dear Sirs*—We are pleased to state that we used your gas machine with Mixing Regulator for about fifteen years, and until parts of the machine were worn out. During that time we had a uniform quality of gas without the use of chimneys and without smoke. Four years ago new parts were supplied and the machine thoroughly overhauled, and since then we have had no trouble of any kind with the machine and it works as well today as it did the first day it was in use.

Very truly yours, WM. PORTER ALLEN,  
Treasurer American Yacht Club.

H. LAUSSAT GEYELIN, Attorney-at-Law,  
Girard Building, Broad and Chestnut Streets,

GILBERT & BARKER MFG. CO. PHILADELPHIA, PA., October 30, 1905.

*Dear Sirs*—The Springfield Gas Machine and Automatic Mixing Regulator, which you put in for me at my residence, Villa Nova, seven years ago, has given me the greatest satisfaction. It is all that you represented it to be, and I would not exchange it now for either coal gas or electric light. With the incandescent burners and with the ordinary burners it works admirably, and I have not had the least trouble, nor has there been a moment's time when it has not been in good working order.

Very truly yours                    H. LAUSSAT GEYELIN.

THE RED LION INN.

STOCKBRIDGE, MASS., November 13, 1905.

GILBERT & BARKER MFG. CO.

*Dear Sirs*—It is now nearly nine years since my experience began with the Springfield Gas Machine, and I am very glad to be able to say a word not only in praise of the machine and its satisfactory workmanship, but also as to the marked courtesy invariably shown in all business dealings with your company. My outfit consists of two machines with Water-wheels and Automatic Mixers. The light is used as an auxiliary, and fuel is also supplied for certain uses in the kitchen. In both departments the machines have always given entire satisfaction, are very cheap to maintain and perfectly simple in construction and care. Wishing you continued prosperity, so richly deserved, I am,

Very truly yours,                    ALLEN T. TREADWAY.  
Two machines, one at Red Lion Inn and one at Heaton Hall.

WHITEMARSH, MONTGOMERY Co., PA., November 21, 1905.

GILBERT & BARKER MFG. CO.

*Gentlemen*—I have used a Springfield Gas Machine for the last twenty years. On my present one I have a combination Mixing Regulator. Run a Monarch Water Heater, also a gas range.

Yours truly,                        F. GODEY.

GILBERT & BARKER MFG. Co. ARDMORE, MONTGOMERY Co., PA.

*Gentlemen*—I have had one of the Springfield Gas Machines in constant use in my dwelling house for *more than thirty years* past, and have found it in every way satisfactory, costing in all those years scarcely anything for repairs, and taking little time to attend to same. A few months ago I had the Combination Mixing Regulator attached, by which I can now use the incandescent burners, which give a steady light of great power and brilliancy, superior to the electric light, and at a very much less cost. I take great pleasure in giving you this recommendation.

Yours very respectfully, EDWARD GLENN.

NORTHFIELD SEMINARY.

GILBERT & BARKER MFG. Co.

EAST NORTHFIELD, MASS., June 27, 1905.

*Dear Sirs*—We wish to give you our testimony for the efficiency of the Mixing Regulator which goes with your Springfield Gas Machine. The first machine which you put in for any of the Northfield schools was without that adjunct, but since then you have put in for us seven of your Gas Machines, all with the Mixing Regulator attached. These seven machines have not given us so much trouble as the old one without the Regulator.

In these seven places we find your regulator a very great help, in fact well nigh a necessity for the most efficient service of your gasmachines.

Very truly yours, A. G. MOODY, Superintendent.

MANNING, BOWMAN & Co., Nickel and Silver Plated Ware.

GILBERT & BARKER MFG. Co. MERIDEN, CONN., October 21, 1905.

*Dear Sirs*—We desire to state that we have been using your Gas Machine for making naphtha gas for twenty years. It does all you claim for it, and has proved entirely satisfactory in every respect.

Yours truly, MANNING, BOWMAN & CO.

AGRICULTURAL EXPERIMENT STATION OF THE  
RHODE ISLAND COLLEGE OF AGRICULTURE AND MECHANIC ARTS

H. J. WHEELER, Ph.D., Director and Acting President

GILBERT & BARKER MFG. Co. KINGSTON, R. I., November 23, 1905.

*Dear Sirs*—It gives me pleasure to state that the Springfield Gas Machine and Mixer installed at the Rhode Island Agricultural Experiment Station in the summer of 1890 has given perfect satisfaction, and is still working as well as could be desired. Another machine installed in the college a year or two later, which is operated by a water motor, has also proved equally satisfactory. Very truly yours, H. J. WHEELER.

TOWN OF WARREN, MASSACHUSETTS,  
Offiee of Town Clerk and Treasurer.

GILBERT & BARKER MFG. CO. WARREN, MASS., November 16, 1905.

*Dear Sirs*—The Springfield Gas Maehine with Automatic Mixer was installed in our Town Hall in April, 1898, and the gas is burned through flat flame and ineandeseent burners, giving us a good light without any odor or smoke. The maehine requires very little eare, and has given universal satisfaetion sinee its installation.

Respeeffully yours, CHARLES B. BLAIR,  
Town Clerk and Treasurer, Town of Warren.

AMERICAN OPTICAL COMPANY.

SOUTHBRIDGE, MASS., February 11, 1903.

GILBERT & BARKER MFG. CO.

*Dear Sirs*—We have had your Springfield Gas Maehine in suceessful use for the past twenty-four years, using the gas for illuminating purposes, soldering, melting gold and silver, annealing, tempering, hardening, and for all kinds of heating purposes.

The Water-wheel Air Pump, eonneeted with the plant, is always ready for duty for any number of hours daily, and needs but little attention. The Mixing Regulator reduees the gas to a standard quality, which burns from eommon burners. We believe that our gas plant utilizes, in the best possible manner, all that there is in gasoline, either for heating or illuminating purposes. Yours truly,

AMERICAN OPTICAL CO.,  
H. C. CADY, Superintendent.

BELDING BROS. & Co., Silk Manufaeturers,

GILBERT & BARKER MFG. CO. NEW YORK, November 19, 1905.

*Dear Sirs*—In reply to your letter of the 13th, inquiring as to my experience with a Springfield Gas Maehine in my house at Ashfield, Mass., I would say that during the seven years in which this maehine, together with the Automatic Mixing Regulator, has been in use it has given entire satisfaetion and has proven to be all and more than I expected. I have also used the ineandeseent burner and your ordinary burner, and they have both given a fine light. I have used the gas for heating purposes, and the maehine has proven equally as satisfactory in this particular.

Yours very truly, M. M. BELDING.

J. H. WHITTEMORE.

GILBERT & BARKER MFG. CO. NAUGATUCK, CONN., November 14, 1905.

*Dear Sirs*—It gives me pleasure to state that during the past ten years I have used at my summer home at Middlebury, Conn., one of your Springfield Gas Machines, with Automatic Mixing Regulator. I have also made use of your gas in our range during the summer months, all giving the utmost satisfaction. Very respectfully yours,

J. H. WHITTEMORE.

OFFICE OF CHAS. OSGOOD & CO., Wholesale Druggists,  
45 and 47 Commerce Street.

GILBERT & BARKER MFG. CO. NORWICH, CONN., November 21, 1905.

*Dear Sirs*—I have had in use at my hotel at Mystic Island, for the past nineteen years, one of your 100-light Gas Machines. Its work has been so satisfactory that in the spring of 1897, I placed another in my house here, with which I light residence, hot-house and barn, besides doing the summer cooking and laundry. With the Automatic Mixer, which is used with both machines, the labor incidental to their care is reduced to a minimum. Sincerely yours, C. H. OSGOOD.

SMITH & WESSON.

GILBERT & BARKER MFG. CO. SPRINGFIELD, MASS., November 2, 1905.

*Dear Sirs*—The Springfield Gas Machine, which you placed in my residence at Northboro twenty years ago, has been in operation at all times when the house has been occupied since. Six years ago an Automatic Mixer was put in, which with the water-wheel pump makes it a very simple machine, requiring but very little care. I do not use the gas for anything but lighting, but for that purpose it has been perfectly satisfactory. The light is steady. The machine has given me no trouble nor care whatever. Yours truly, D. B. WESSON.

WEST HARTFORD, CONN., November 14, 1905.

GILBERT & BARKER MFG. CO.

*Dear Sirs*—The Springfield Gas Machine and Automatic Mixing Regulator which you installed in my house six years ago has proved to be absolutely perfect. I use incandescent burners; light from eight to ten rooms; use a gas broiler in summer at an average expense of less than six cents a day. Have not laid out one cent on the machine since it was started. It is just O. K. in every particular. E. G. CLARK.

## HENRY R. KIBBE.

GILBERT & BARKER MFG. CO. SOMERS, CONN., November 22, 1905.

*Dear Sirs*—Yours of the 20th reeeived. On January 30, 1895, I wrote you as follows: “I have used your Mixing Regulator in connection with my Gas Machine in my house in this place for over twelve years. I regard the whole apparatus as the safest and most reliable now known, and can thoroughly recommend it as producing a gas of uniform quality, free from smoke.” Since that time I have introduced an Automatic Mixing Regulator, which has worked to our entire satisfaction, furnishing uniform gas without eare or attention, which we think is a great improvement over our experience in the twelve years noted above.

Yours truly,

H. R. KIBBE.

GILBERT & BARKER MFG. CO. BRISTOL, CONN., November 21, 1905.

*Dear Sirs*—It gives me pleasure in reply to your letter of recent date to most eordially reeommend the Springfield Gas Machine and Mixer, whieh I have had in use at my residence for the past eighteen years, the light being very bright and steady and the machine in all ways as recommended.

Very truly yours, GEO. W MITCHELL.

## FORBES &amp; WALLACE,

New York, 2 Walker St.; Manchester, 66 Faulkner St.; Paris, 3 Cité Trévise; Chemnitz, 25 Theatre Str.; St. Gall, 5 Dleiche Str.

GILBERT & BARKER MFG. CO. SPRINGFIELD, MASS., March 26, 1905.

*Dear Sirs*—The Gas Machine with Mixing Regulator that you put in at Hatchetts, South Lyme, Conn., after sixteen years' experience, we are pleased to say gives splendid satisfaction. With a little care first of the season, the five cottages, casino and street lamps have gone through the summer to the satisfaction of all interested.

Respectfully,

A. B. WALLACE.

GILBERT & BARKER MFG. CO. PRESCOTT, ONTARIO, October 21, 1905.

*Dear Sirs*—I have used your Gas Machine with the Mixing Regulator attachment for lighting my house for twenty years. I have had no trouble, and have found the regulator reliable and efficient. It makes gas uniform in quality, and I burn it through plain burners. I should think our climate afforded a severe test of your process. J. P. WISER.

ARTHUR E. WOODBURY

CHAS. W. WOODBURY

C. L. WOODBURY SONS,

Dealers in Staple and Fancy Groceries, Meats, Provisions, etc.

53 and 55 Main Street.

GILBERT &amp; BARKER MFG. CO.      HUDSON, MASS., November 3, 1905.

*Gentlemen*—Our ten years' experience with the Springfield Gas Machine has been satisfactory. If we were compelled to install another gas machine we should surely put in one of yours.

Yours very sincerely,      C. L. WOODBURY SONS.

GILBERT &amp; BARKER MFG. CO. GEORGETOWN, MASS., November 30, 1905.

*Gentlemen*—Replying to your favor of the 27th inst., would say that the Springfield Gas Machine placed in our school building by you in 1900 has been in use ever since without an hour of lost time to us because of any trouble with the machine. It has proved *perfectly* satisfactory to us in *every respect*. Yours very truly, H. HOWARD NOYES, Sec'y,  
Trustees of the Perley Free School.

OFFICE OF JOHN L. SHELDON,

Dealer in Fine Furniture. House Furnishings.

GILBERT &amp; BARKER MFG. CO. WAKEFIELD, R. I., November 28, 1905.

*Gentlemen*—We are pleased to inform you that after three years' usage of your gas plant, installed in our store, will say that it has been very satisfactory, and consider it far superior to the electric light service previously used.      Yours respectfully,      J. L. SHELDON.

GEO. E. WHITING. 96 Highland Street,

GILBERT &amp; BARKER MFG. CO., HYDE PARK, MASS., November 1, 1905.

*Gentlemen*—Some fifteen years ago I had one of your Gas Machines put in and it has given me such satisfaction that perhaps a testimonial from me might be acceptable to your company. We have a gas stove, and from April to October we do all our cooking with gas, and in hot weather it is one of the luxuries of life.

Yours truly,      GEO. E. WHITING.

NOTE—Four years ago we put in an Automatic Combination Mixer and gas range for Mr. Whiting.      G. & B. MFG. CO.

VINCENT Y. BOWDITCH, M.D., 508 Beacon Street.

GILBERT & BARKER MFG. Co. BOSTON, MASS., November 2, 1905.

*Gentlemen*—It gives me great pleasure in behalf of the Directors of the Sharon Sanitarium to state that the gasoline plant which you placed in the institution about five years ago has given us much satisfaction.

Yours respectfully, VINCENT Y. BOWDITCH.

GILBERT & BARKER MFG. Co. BOSTON, MASS., November 3, 1905.

*Dear Sirs*—I consider your Gas Machine and appliances most satisfactory. Relations with you have been very pleasant and you have fulfilled your contracts with me even better than I expected. The light is much better than city gas, and more economical.

Yours truly, GEO. M. MORGAN.

House at Manchester-by-the-Sea, Mass.

THE ARLINGTON, in the White Mountains.

BETHLEHEM, N. H., November 28, 1905.

GILBERT & BARKER MFG. Co.

*Dear Sirs*—Replying to yours of recent date, will say that the Springfield Gas Machine which you put in for me in 1895 did its work to perfection, not only lighting my hotel with satisfaction, but *furnishing fuel for heating my carving table and griddle-cake baker*. The Automatic Mixing Regulator, which you installed with the plant, kept the lights always brilliant and steady with not the least blowing, so common with some gas machines. It will give me pleasure to recommend your machine to anyone desiring a good and economical lighting plant.

Yours truly, F. C. ABBE, Proprietor.

WILSON HOUSE,

Natick, Mass.

VINEYARD SOUND HOUSE,

Falmouth Heights, Mass.

GEORGE W. GIDDINGS, Proprietor.

GILBERT & BARKER MFG. Co. NATICK, MASS., November 28, 1905.

*Dear Sirs*—The Springfield Gas Machine that I bought of you ten years ago for the Vineyard Sound House at Falmouth Heights, Mass., gives entire satisfaction, and I cannot speak in too high terms of the Automatic Mixing Regulator. It not only regulates the lights to perfection, but it prevents all smoking and odor. I could not afford to be without it.

Yours respectfully, G. W. GIDDINGS.

## PAWNEE HOUSE

COTTAGE CITY, MASS., November 28, 1905.

GILBERT &amp; BARKER MFG. CO.

*Dear Sirs*—I have now used the Springfield Gas Machine sixteen seasons with entire satisfaction, without any expense as to repairs, and at a saving of about fifty per cent. in the price of gas.

The Water-wheel Pump and Mixer are a great success.

The Mixer is simple, easily adjusted, and regulates the quality of gas to just the quality of light that is desired.

I have had to regulate the quality only three times in burning what my generator holds (15 bbls.).

The Mixing Regulator is indispensable to a perfect working outfit.

Yours truly, J. G. BASSETT.

## MAPLEHURST FARM.

LANCASTER, MASS., November 28, 1905.

GILBERT &amp; BARKER MFG. CO.

*Dear Sirs*—There is no gas machine in the market (and I have used a great many of them) that is so satisfactory, taking everything into consideration, as the Springfield Gas Machine and Mixing Regulator.

Very truly yours, JOHN E. THAYER.

## FRANK SEABURY, 50 State Street.

GILBERT &amp; BARKER MFG. CO. BOSTON, MASS., November 28, 1905.

*Gentlemen*—The Springfield Gasoline Machine which you put in for me at Beverly Farms some years ago, has fulfilled your promises in every way; it does its work perfectly and has been most satisfactory, having all the advantages and simplicity of city gas, while giving nearly twice as much light. Your representatives have been most courteous in installing the plant, and it gives me great pleasure to commend your apparatus to anyone.

Very truly yours, FRANK SEABURY.

## THOMAS ALLEN, 12 Commonwealth Avenue.

GILBERT &amp; BARKER MFG. CO. BOSTON, MASS., December 1, 1905.

*Gentlemen*—I am very glad to report to you that the Springfield Gas Machine which you installed in my summer house at Princeton, Mass., in 1896, has worked and continues to work in a very satisfactory way.

Yours very truly, THOMAS ALLEN.

SEA SHORE HOUSE, F. G. STAPLES, Proprietor.

OLD ORCHARD, ME., November 28, 1905.

GILBERT & BARKER MFG. CO.

*Dear Sirs*—In answer to your inquiry I am pleased to state that the 300-light mixer which you put in ten years ago has given perfect satisfaction. We have had a very fine light in every part of the house and free from smoke. In our public rooms we have used incandescent burners. The light has been more brilliant than any we have seen used with the common gas. Very respectfully yours, F. G. STAPLES.

OFFICE OF E. KENYON & SON, Fancy Cassimeres.

GILBERT & BARKER MFG. CO. KENYON, R. I., March 28, 1903.

*Dear Sirs*—Your favor received. In reply, we have used one of your 500-light Gas Machines with Mixing Regulator for the past fourteen years, during which time it has given perfect satisfaction.

Yours truly, E. KENYON & SON.

WILLIAM W. CRAPO, CHARLES W. CLIFFORD, WALTER CLIFFORD,  
HENRY H. CRAPO, OLIVER PRESCOTT, Jr.

CRAPO, CLIFFORD & PRESCOTT, Counsellors-at-Law,  
Masonic Building.

NEW BEDFORD, MASS., October 31, 1905.

GILBERT & BARKER MFG. CO.

*Dear Sirs*—I have used one of your Springfield Gas Machines with Mixing Regulator for the past seven years. It has worked perfectly in every respect and has given entire satisfaction. The cost of the light is comparatively small and the increased convenience over lamps and candles is immeasurable.

I use the gas furnished by the machine as motive power in a gas machine for pumping purposes with entire success.

Yours truly, OLIVER PRESCOTT, Jr.

TILESTON & HOLLINGSWORTH Co, Paper Manufacturers,  
35 Federal Street.

MR. C. C. RAMSDELL, BOSTON, December 3, 1905.

*Dear Sir*—In reply to your inquiry in regard to the working of the Springfield Gas Machine which you put into my house at Milton, I would say that during the four years it has been in my house it has given entire satisfaction, and I have had no difficulty whatever in using the incandescent mantles on the burners, and I have no hesitation in recommending it to anyone wanting a good gas machine.

Yours very truly, A. L. HOLLINGSWORTH.

SOUTH SWANSEA, MASS., December 2, 1905.

GILBERT & BARKER MFG. Co.

*Gentlemen*—The Springfield Gas Machine which you installed in our house five years ago has proved very satisfactory. We use incandescent burners and have the best light that I know of. The cost of gasoline is very small compared with the light furnished. The care is not much more than a clock which has to be wound daily, besides about two hours' work twice a year filling the tank.

Very truly yours, CHAS. A. CHASE.

NORTON MILLS COMPANY,  
Wool Sorted, Scoured and Carbonized.

GILBERT & BARKER MFG. Co. NORTON, MASS., December 3, 1905.

*Gentlemen*—Answering your letter of the 2d inst., I am using two of your Springfield Gas Machines for two different houses and find them thus far perfectly satisfactory. Am also using one of your gas ranges, and find that equally as good. The machines referred to have been installed about three years. Yours very truly, GEO. H. TALBOT.

ALBERT D. THAYER.

GILBERT & BARKER MFG. Co. FRANKLIN, MASS., June 17, 1905.

*Gentlemen*—Your favor of the 15th inst., was duly received and noted.

In answer to your inquiry as to my opinion of the Springfield Gas Machine, would say that I can only speak words of praise, having used one for lighting my dwelling house twenty-three years. The fact of its giving such good satisfaction was what induced me to put in another plant at the Ray Memorial Library a year ago, and also induced the Trustees of Dean Academy this spring to adopt your system of lighting. At this institution they have a large machine and besides lighting their own buildings exceedingly well, furnish light for one church, one brick block in which there are stores, halls, and office rooms, and two dwelling houses one-eighth of a mile distant.

Hope it may continue to give as good satisfaction in years to come as it has the past three months.

Yours truly, ALBERT D. THAYER.

GILBERT & BARKER MFG. Co.

*Gentlemen*—The Gas Machines installed by your company in our church have been very satisfactory. The breakage of mantles, etc., is far less than we anticipated, and we take pleasure in recommending your machines.

CHARLES COLE,  
Sec. and Trustee M. E. Church,  
East Bridgewater, Mass.

WEBSTER COMPANY.

NORTH ATTLEBORO, MASS., June 20, 1905.

GILBERT & BARKER MFG. Co.

*Dear Sir*—Replying to your kind favor under date of June 15th, wherein you ask what satisfaction I have received from the gas plant whieh you installed for me at my summer home at Matunuc, R. I., I beg to say that it has been entirely satisfactory. You will remember that I installed this plant a year ago this month. It has afforded me all of the lighting for my cottage, all of the cooking has been done with it, also used for the laundry, and the gas is always ready at a moment's notice. It has heated effectually, all of the chambers that I have connected with the gas radiators, and I can say that I would not have it taken away at double the expense of the installation, if I could not replace it.

Very sincerely yours,

G. K. WEBSTER.

CLUETT, PEABODY & COMPANY,  
Philadelphia.

GARRETTFORD, DEL. Co., Pa., October 18, 1905.

GILBERT & BARKER MFG. Co.

*Gentlemen*—Answering your request of the 16th inst., would say that the gas machine you placed for me in April, 1904, is fully up to expectations, and with the assistance of your mantle burners, we have excellent light. After its completion you filled the tank, holding five barrels of gasoline. We have not added any to it, and based upon a test made recently, it will last us for some time. It has not required any attention, excepting winding it up several times a week.

Yours respectfully,      GEO. W. STATZELL.

GILBERT &amp; BARKER MFG. Co.

October 31, 1905.

*Dear Sirs*—Your letter of the 17th October addressed to my sister, Mrs. C. E. Buck, Greenwood, Va., was duly received. She has asked me to write to you in her behalf that the machine installed by you at her home in Albemarle Co., Virginia, has been most satisfactory in every way. The light is very steady and bright and is produced with very little trouble in the way of attention to the machine. She has used it for the past two summers and is in every way pleased with it.

Yours very truly,      T. C. WILLIAMS, Jr.

WALTER E. GREENWOOD,  
Attorney-at-Law.

COATSVILLE, PA., October 18, 1905.

GILBERT &amp; BARKER MFG. Co.

*Gentlemen*—I think it but just that I should express my satisfaction to you concerning the operation of the gas machine furnished me about a year ago. The machine is one of your smaller sizes, but carries about forty-five lights, and each individual light burns brightly even when all are in operation. The net cost to me is extremely small and I am getting better results in this machine at about one-fourth the cost than were received by me through the use of a modern acetylene machine which was removed to make room for this one.

Very truly yours,      W. E. GREENWOOD.

THOS. J. SAUNDERS,  
Dealer in Piling and all kinds of Manufactured Lumber.

GILBERT &amp; BARKER MFG. Co.      EVERETTS, VA., October 30, 1905.

*Gentlemen*—I have used your gas machine for two years and in every way it has proven satisfactory. I am very much pleased with the machine both for lighting and heating.

Most respectfully,      THOMAS J. SAUNDERS.

B. S. ROYSTER,  
Attorney-at-Law.

GILBERT &amp; BARKER MFG. Co.      OXFORD, N. C., October 21, 1905.

*Gentlemen*—In response to your letter of the 17th inst., I beg to say that the gas machine and fixtures which you installed in my residence have been highly satisfactory. I am pleased with the character of the light and the cost of lighting is less than you estimated.

Yours very truly,      B. S. ROYSTER.

HUNTINGDON VALLEY, PENNA., October 19, 1905.

GILBERT & BARKER MFG. Co.

*Gentlemen*—I have now been using the Springfield Gas Machine for some time and am well pleased with its performance in lighting, cooking food and warming my house. N. M. BELLOWS, M.D.

LAKE CITY, FLA., September 23, 1905.

GILBERT & BARKER MFG. Co.

*Dear Sirs*—It gives me pleasure to express the satisfaction that the Springfield Gas Machine has given in the chemical laboratory of the University of the State of Florida. A year and a half ago, we installed an Automatic Mixing Regulator which has performed its work perfectly and has become indispensable to us. I have no hesitation in recommending it.

Very truly yours,

E. R. FLINT.

GILBERT & BARKER MFG. Co.

SALEM, N. Y., June 21, 1905.

*Gentlemen*—Your letter of the 8th inst., was received by the pastor of the church and was handed to me only today.

In reply to your question, if our gas plant which is in use in our church now over twenty years, is giving satisfaction, wish to say that we like it very well and that since we put an Automatic Mixing Regulator with our machine and installed two six burner gas arc lights, our church is lighted better than any church in this town and that with the use of a great many less lights than we had before. I do not remember how many lights we used to have on our two chandeliers, but they were a great many and quite more expensive than our present system.

Yours truly,  
H. SPALLHOLZ,  
For the Trustees of the M. E. Church, Salem.

J. SCHWARZWALDER & SONS,  
Cooperage Works,  
620-641 West 51st Street.

GILBERT & BARKER MFG. Co. NEW YORK, September 29, 1905.

*Gentlemen*—I am pleased to say that for the past eight or ten years I have been using your gas machine which has given me entire satisfaction, and fulfilled my expectation, and I can therefore recommend same to be all that you claim it. Yours truly,

HENRY SCHWARZWALDER

LONG HOUSE,  
BRYN MAWR P. O., PENNSYLVANIA, October 29, 1905.

GILBERT & BARKER MFG. CO.

*Dear Sirs*—The Gas Maehine bought from you three years ago has given perfeet satisfaetion in every way.

Very truly yours,

L. NALLE.

SIEMS & SHIELDS,  
Railway Contraetors.

ST. PAUL, MINN., Oetober 2, 1905.

GILBERT & BARKER MFG. CO.

*Gentlemen*—Your favor of the 20th ult., is reeeived and noted. Two years ago I bought your Machine with Automatice Mixing Regulator, whieh was installed in our Daytona, Fla. residence. This machine has given excellent satisfaetion in lighting our house, and in furnishing gas for doing our eooking and washing.

Yours truly,

PETER SIEMS.

THE ORMOND, ORMOND, FLORIDA,  
MT. WASHINGTON HOTEL, BRETON WOODS, N. H.

BRETON WOODS, N. H., September 25, 1905.

GILBERT & BARKER MFG. CO.

*Gentlemen*—We used the Springfield Gas Maehine at Ormond with eminent satisfaetion to ourselves and guests. The Mixer was a most valuable adjunet and we are pleased to testify to the merits of the whole outfit.

Yours very truly,

ANDERSON & PRICE, Managers.

Messrs. Anderson and Price are also using one of our largest gas maehines during the summer months in the Mount Washington Hotel, in the White Mountains.

G. & B. MFG. CO.

HINMAN & HECKER,  
Belvoir Stoek Farm.

CENTURY, FLA., Monday, September 25, 1905.

GILBERT & BARKER MFG. CO.

*Gentlemen*—I installed one of your gasoline gas plants in my house one year ago, including your Automatice Mixing Regulator and Ineandeseent Burners. The plant has given perfeet satisfaction and I am willing at any time to have you refer any one in this loeality to me.

Very truly yours, FRANK C. HECKER.

## THE JACOB TOME INSTITUTE.

PORT DEPOSIT, MD., October 18, 1905.

GILBERT &amp; BARKER MFG. CO.

*Dear Sirs*—It gives me pleasure to state that during the two or three years that we have used your gas machines we have never had the slightest difficulty with them, and they have always done their duty in every way, shape and manner. They are entirely automatic, and I do not see how they could be made to work any better.

Yours very truly,

WALTER FLINT.

MALVERN, CHESTER CO., PA., October 23, 1905.

GILBERT &amp; BARKER MFG. CO.

*Gentlemen*—The 100-light Springfield Gas Machine you installed nearly two years ago at our summer residence near Malvern has given perfect satisfaction in every respect. In addition to lighting the dwelling, it furnished the gas to run one Ericsson pumping engine for water tower located several hundred feet from the house. This season I have extended the pipes to a new stable and carriage house introducing nine gas burners, this is also a considerable distance from the house. I am using your small mantles consuming one and one-fourth feet of gas per hour and have a much brighter light than we get at our city residence with the U. G. I. gas and large mantles with Welsbach burners. Although we are running 25 to 30 lights of an evening and have several burners all night, the gasoline tank which is buried in the ground eighty feet from the house, has not yet been replenished and will no doubt run all next season without refilling. It is much more satisfactory than an electric light plant and much less trouble and expense. In conclusion I will say, I am more than pleased for it has far exceeded our expectations.

Very truly yours,

FRED. A. DREER,

1520 Spruce St.,

Philadelphia, Pa.

## THE GALLAUDET HOME FOR AGED AND INFIRM DEAF MUTES.

POUGHKEEPSIE, N. Y., October 19, 1905.

GILBERT &amp; BARKER MFG. CO.

*Gentlemen*—I have used your gas machine at the Gallaudet Home for Aged and Infirn Deaf Mutes, nearly three years. In every way we have found the illumination satisfactory, and truthfully recommend it as a means of lighting. Yours truly, E. P. NELSON.

## SILVER GROVE HOTEL.

PENNSVILLE, N. J., October 23, 1905

GILBERT &amp; BARKER MFG. Co.

*Gentlemen*—In reply to your request it gives me pleasure to say, I have been using your gas machine for the last two years, it has never cost me a dollar for repairs and is the best and most reliable gas machine I know of. I am now lighting five stores, three houses, my hotel and outside grounds, pumping my water and using a big gas range on your gas machine, and will say, it gives a clear, steady, bright light and entire satisfaction to my consumers and myself, both in light and cost of gas.

Yours very truly, WM. D. ACTON.

## ROSEMONT.

BERRYVILLE, CLARKE Co., VA., October 19, 1905.

GILBERT &amp; BARKER MFG. Co.

*Dear Sirs*—I am in receipt of your favor of the 17th inst., and in reply take pleasure in saying we have used the gas manufactured by one of your machines for lighting, cooking and operating an automatic hot water heater, for three years, and it has given entire satisfaction.

Yours very truly, CHARLES E. CLAPP.

GILBERT &amp; BARKER MFG. Co

PHILMONT, N. Y., June 9, 1905.

*Gentlemen*—We have your favor of recent date at hand, and in reply we are glad to say anything that we can to recommend the use of the Springfield Gas Machine to those who contemplate the use of gas for illuminating purposes, for isolated plants. We have used your machine for lighting our mill since it was built in 1879, only renewing it once, in 1885, when we exchanged for a larger size generator which has been in continuous use now over 20 years, and this 250-light machine has been carrying nearly 300 lights in our mill and about 100 lights in our residences. While we have sometimes had difficulty in getting the best results, we presume it is owing to defective arrangement of our piping and our overtaxing the machine, but we have accomplished our illumination, nevertheless, very successfully, and we unhesitatingly recommend it as the best machine of its kind, especially in conjunction with your Automatic Mixer. We have recently placed our order with you for a 500-light generator, which we hope soon to have installed, and feel confident that it will give us very satisfactory results.

Yours truly, HIGH ROCK KNITTING CO.,  
F. B. HARDER.

GILBERT &amp; BARKER MFG. Co.

SALUDA, N. C., October 19, 1905.

*My Dear Sirs*—It would be impossible to speak too highly of the merits of your gas machine you installed in my house in May, 1904. It has never given the smallest trouble, and has always worked to perfection in every respect, providing a splendid light, gas for all kitchen purposes, and an abundance of hot water for bath room and lavatories, through the Columbia Water Heater, which you also put in for me in connection with the gas machine. As an eliminator of household drudgery, and a most economical service of light and fuel, (the expense in our case for all the above mentioned purposes not exceeding \$5 per month for gasoline), it is invaluable, and should make it indispensable to any country house.

I am, Very truly yours, LEONARD HEWETT.

GILBERTVILLE, MASS., June 12, 1905.

GILBERT &amp; BARKER MFG. Co.

*Gentlemen*—The Congregational Church in Gilbertville put in a 75-light Springfield Gas Machine in 1884, three years ago we added an Automatic Mixer and installed five incandescent gas arc lights which took the place of forty-four arm burners with thirty-six openings in each burner.

Since making this change our gasoline bills have been reduced more than one-half and the lighting of our church is now very satisfactory. A former pastor who visited us said we had the best lighted audience room he had been in anywhere. Very truly yours,

A. H. RICHARDSON,  
Chairman of Committee.

GILBERT &amp; BARKER MFG. Co.

ORANGE, CONN., June 12, 1905.

*Dear Sirs*—In reply to yours of the 7th inst., would say that we have one of your Springfield Gasoline Gas Machines of 150-light capacity, with Water-wheel pump and Automatic Mixer which you installed for us last November. We used the gas to light three residences, seed warehouse and barn. We have in use about 125 burners on most of which we use Welsbach mantles. We also use this gas for fuel purposes in cooking and we are very pleased to state that we are very well satisfied indeed with the results obtained from the machine thus far. The machine has been absolutely automatic up to this date. We have not been obliged to as much as look at the machine, which, considering the cold weather we had last winter, we consider a pretty good record.

Yours very truly, S. D. WOODRUFF & SONS.

S. CURTIS & SON,  
Paper Boxes and Wood Handles, Pressed Horn and Hoof Stock.

SANDY HOOK, CONN., June 9, 1905.

GILBERT & BARKER MFG. CO.

Gentlemen—I have one of your Springfield Gas Machines 150-light with Automatic Mixer, that I have had in use for one year.

The gas lights two houses and one store, and I have in use about 75 burners, mostly incandescent, the gas is also used for fuel purposes in cooking, heating water, etc.

I have run the machine for the past year continuously, it has worked very nicely and we think here that it is about perfect.

I take pleasure in recommending your machine to any one in want  
of anything in this line. Yours very truly,

HENRY G. CURTIS

THE HOTCHKISS SCHOOL, LAKEVILLE, CONN.

W. B. PERRY, JR., *Curator.*

GILBERT & BARKER MFG. Co., Springfield, Mass.

*Gentlemen*—It gives us great pleasure to add our testimony as to the value of the Springfield Gas Machine. We have been using one in combination with the Automatic Mixing Regulator for several years with perfect satisfaction. The gas is used for lighting purposes continuously, for cooking, for heating laundry machines, and for fuel in our Physical Laboratory.

Yours very truly,

W. B. PERRY, JR.

CHAPIN & GOULD PAPER CO., CRESCENT MILLS.

GILBERT & BARKER MFG. CO., SPRINGFIELD, MASS., November 21, 1903.

*Dear Sirs*—We have used your Mixing Regulator in our mill for the past twelve years, and can testify that it has done all that was claimed for it, giving us a superior quality of gas, wholly free from smoke. We cheerfully recommend the Mixing Regulator to all users of your machine.

Yours truly, CHAPIN & GOULD PAPER CO.

*We refer to the following, among many thousands, who are using our Machine and Mixing Regulator:*

NEW YORK

CHARLES M. PRATT, 26 Broadway, N. Y.	Glen Cove, L. I.
HON. D. L. FOLLETT, Supreme Court, N. Y.	Norwich
HON. LESLIE W. RUSSELL, Supreme Court, N. Y.	Canton
HON. JOHN H. STARIN, Pier 18, North River, N. Y.	Fultonville
GORDON MACDONALD, 30 Broad Street, N. Y.	Hartsdale
MRS. R. E. HOPKINS	Tarrytown
ROBERT MALLORY, Pier 20, East River, N. Y.	Port Chester
H. J. PARK, 917 Broadway, N. Y.	Rye
CHARLES E. HAMMOND, care of H.B. Claflin Co., 222 Church Street, N. Y.	Peekskill
R. R. WILLETS	Harrison
SPENCER TRASK, 27-29 Pine Street, N. Y.	Saratoga
H. IDEN, Jr., 26 University Place, N. Y.	Pelham Manor
JOSEPH STICKNEY, 1 Broadway, N. Y.	Williamsbridge
W. D. BRUNS, 506 E. 20th Street, N. Y.	White Plains
O. C. GLEASON	Liverpool
CHARLES GREEN	Hubbardsville
CHAS. L. WALLACE	Freeport, L. I.
FREEPORT LAND CO.	Freeport, L. I.
ERNEST S. RANDALL	Freeport, L. I.
J. T. BROWN, Naples House	Naples
C. TRUBE	Hastings-on-Hudson
S. R. VAN DUZER (2 machines)	Alexandria Bay
CORNWALL BROS.	Alexandria Bay
CHARLES G. EMERY	Clayton
P. E. SANFORD	Warwick
E. L. SMITH	Norwich
DR. J. H. WESTCOTT	Norwich
C. W. LANPHER	Norwich
W. W. HOUGH	Boonville
G. L. MAKEPEACE	Boonville

J. ABNER HARPER	New Windsor
F. W. SENFF	New Windsor
JOHN HARPER	New Windsor
RICHARD HYDE	Bayshore, L. I.
MRS. ROBERT B. PARSONS	Flushing, L. I.
A. H. GOLDSMITH	Floral Park, L. I.
MRS. C. E. SHERMAN	Lawrence, L. I.
GEORGE H. PENNIMAN	Quogue, L. I.
C. H. SENFF	Whitestone, L. I.
HON. GEORGE A. DAVIS	Lancaster
GEORGE P. ZURBRICK	Lancaster
ST. PATRICK'S CHURCH	Verplanck
W. W. OSBORN	New Hartford
OAKFIELD CLUB, Grand Island	Buffalo
ISAAC L. RUSH	Whitehall
D. H. SCOFIELD & SON	Philadelphia
JULES FLEISCHMANN	Fleischmann's
RAILWAY STEEL SPRING CO.	Hudson
GEO. W. BURNS	Middleville
DR. HOWELL WHITE	Fishkill
MRS. ANNA VAN VLACK	Palatine Bridge
H. T. WEBB	Skaneateles
JAMES M. WENTZ	Newburgh
SCHOHARIE MANOR ASSOCIATION	Tannersville
J. U. BROOKMAN	West Park
O. W. BURRITT	Weedsport
J. A. CHAMBERLAIN	Warwick
G. G. ROE	Patchogue, L.I.
JOHN J. RANDALL	Freeport, L. I.
W. T. HAYWARD	Sayville, L. I.
G. HOWLAND LEAVITT	Bayside, L. I.
GEO. E. CHISHOLM	College Point
H. S. SCHWARZWALDER	Rhinebeck
JULIUS F. WEIGEL	Springfield, L. I.
MRS. D. L. BUTTERFIELD	Cold Spring
LEWIS MORRISON	Peekskill
ROBERT BEATTY	Poughkeepsie
W. H. YOUNG	Hempstead, L. I.
CHAS. GREER	Rye
E. W. ADDIS	Brewsters
SIMON ZWEIGHAFT	Haines Falls

W. N. WOOD . . . . .	Lake Mahopac
AUGUSTUS THOMAS . . . . .	New Rochelle
WILLIAM H. WALKER . . . . .	Locust Valley, L.I.
JOHN O'NEIL . . . . .	Monticello
CHAS. W. GOODWIN . . . . .	Rockville Center, L. I.
ROBERT STUART . . . . .	Poughkeepsie
STEPHEN M. RANDALL . . . . .	Freeport, L. I.
ROBERT NUNNS . . . . .	Sayville, L. I.
CHAS. A. MILLER . . . . .	Little Britain
MRS. SHEPARD HOMANS . . . . .	Westhampton, L. I.
HON. JNO. B. DUTCHER . . . . .	Pawling
F. R. CHAMBERS . . . . .	Bronxville
CHAS. D. HAINES . . . . .	Kinderhook
MRS. G. W. DAYTON . . . . .	Southold, L. I.
PHILIP SCHUYLER . . . . .	Irvington
ZINSSER & CO. . . . .	Hastings-on-Hudson
DR. D. A. HOLBROOK & SON . . . . .	Ossining
E. BAILEY & SONS . . . . .	Patchogue, L. I.
MOORE & HOAR . . . . .	Ellenville
HENRY B. ANDERSON . . . . .	Great Neck, L. I.
W. W. HEATON . . . . .	Mamaroneck
DR. EDWIN B. STEESE . . . . .	Mamaroneck
H. P. FARRINGTON . . . . .	Croton
JOHN E. HEARTT . . . . .	Bridgehampton, L. I.
H. M. JOHNSON . . . . .	Bayshore, L. I.
E. ELLSWORTH . . . . .	Irvington
MRS. C. N. HOAGLAND . . . . .	Glen Cove, L. I.
DR. E. H. MUNCIE . . . . .	Lindenhurst, L. I.
MAJOR FRANK WELLS . . . . .	Brewster
JNO. H. MACY . . . . .	Port Chester
F. F. PROCTOR . . . . .	Larchmont
J. L. DEAN . . . . .	. Mahopac
MRS. HENRY DRAPER . . . . .	Dobb's Ferry
H. S. KERR . . . . .	Great Neck
A. S. ROBBINS . . . . .	Douglaston, L. I.
F. O. MATTHIESSEN . . . . .	Irvington
MORRIS MARK . . . . .	Herkimer
A. NEIDLINGER EST. . . . .	West Park
G. W. PARK . . . . .	Westbury, L. I.
R. P. LOUNSBURY . . . . .	Bedford
REV. J. H. DARLINGTON . . . . .	Port Jefferson

DR. W. E. WELLS	. . . . .	Freeport, L. I.
WM. V. HESTER	. . . . .	Glen Cove
MRS. B. H. HOWELL	. . . . .	Quogue, L. I.
CAPT. C. S. JENKINS	. . . . .	Newburgh
MRS. E. FRANK COE	. . . . .	New Windsor
WALTER JENNINGS	. . . . .	Cold Spring Harbor
W. J. GILMORE	. . . . .	Babylon, L. I.
W. M. TERRY	. . . . .	Amagansett, L. I.
MRS. E. B. MEEKS	. . . . .	Islip, L. I.
J. M. CONKLIN & CO.	. . . . .	Patchogue, L. I.
H. G. AUTENRIETH	. . . . .	Scarsdale
W. D. VAN BRUNT	. . . . .	Southampton
C. H. SMYTHER	. . . . .	Clinton
M. P. MASON	. . . . .	Carthage
MRS. MUNROE CRANE	. . . . .	Dover Plain
F. M. SMITH	. . . . .	Shelter Island
HON. W. C. WHITNEY EST.	. . . . .	Westbury Station
ST. VINCENT'S RETREAT	. . . . .	Harrison
HON. H. J. COGGESHALL	. . . . .	Waterville
MRS. G. H. BUSH	. . . . .	Ellenville
JUDGE A. B. PARKER	. . . . .	Esopus
E. W. GREEN	. . . . .	Sayville, L. I.
T. M. STEWART	. . . . .	Peekskill
MRS. M. B. CULLEN	. . . . .	Quogue, L. I.
GEORGE BULLOCK	. . . . .	Oyster Bay, L. I.
GEO. ZABRISKIE	. . . . .	Port Washington
F. A. CONSTABLE	. . . . .	Mamaroneck
JOHN A. POTTER	. . . . .	Patchogue, L. I.
W. B. DICKERMAN	. . . . .	Mamaroneck
J. ROGERS MAXWELL	. . . . .	Glen Cove, L. I.
ESTATE OF JOHN G. MYERS	. . . . .	Saugerties
HIGH ROCK KNITTING CO.	. . . . .	Philmont
WM. TOMPKINS	. . . . .	Ilion
H. H. WESTINGHOUSE	. . . . .	Farmer
BERKSHIRE BOX & PAPER CO.	. . . . .	Philmont
CHAS. EDWARD SMITH	. . . . .	Hamilton
ELMER M. E. CHURCH	. . . . .	Elmer
AKEN KNITTING CO.	. . . . .	Philmont
GEO. W. VAN SLYKE	. . . . .	Albany
VOLUNTEER FIREMAN'S HOME	. . . . .	Hudson
R. A. HALL	. . . . .	Brocton, Chautauqua Co.

S. S. SPAULDING		Richfield Springs
SETH WHEELER		Castleton
HENRY H. POTTER		Cazenovia
A. H. DEAN		Lake Mahopae
COL. HENRY W. SACKETT		Mamaroneck
HOWARD WILLETS		White Plains
DR. G. L. TRUDEAU		Saranac Lake
M. A. MCKEE		Riehfield Springs
W. H. BEERS		Harrison
SILAS H. PAINE		Silver Bay
ST. ELIZABETH'S HOME	Mt. Loretto,	Pleasant Plains, L. I.
HENRY DARLINGTON		Mamaroneek
MRS. H. S. LADEW		Glen Cove, L. I.
GEO. A. BARKER		Baldwins, L. I.
W. H. MACEY, JR.		Harrison
MRS. FRED EDEY		Bellport, L. I.
WALSTON H. BROWN		Dobbs Ferry
WELLS COLLEGE		Aurora
COL. ALFRED WAGSTAFF		Babylon, L. I.
F. B. PRATT		Glen Cove, L. I.
JOHN P. KANE		Huntington, L. I.
JOHN H. KNAPP, Hotel Columbia		Luzon, Sullivan Co.
THE MONTAUK CO.		Montauk, L. I.
ARIEL LATHROP		Castleton
S. J. T. BUSH		Morton
C. G. TALCOTT		Silver Creek
HANCOCK GAS CO.		Haneoek
WALTER CARPENTER		Lake Mahopac
B. F. SPRAKER		Canajoharie
H. W. BUCKELL		Huletts Landing
H. M. FLAGLER		Mamaroneek
THE FALCONWOOD CLUB		Buffalo
McCARTY & PAYNE		Candor, Tioga Co.
GEO. D. PRATT		Glen Cove
O. F. WOODWARD		Leroy
NASSAU HOSPITAL ASSOCIATION		Mineola, L. I.
ANSON W. HARD		Lawrencee, L. I.
MARION STORY		Port Chester
H. L. PRATT		Glen Cove, L. I.
NAZARETH TRADE SCHOOL		Farmingdale, L. I.
J. V. COCKROFT		Ossining

METHODIST EPISCOPAL CHURCH	Newark Valley
W. & T. SMITH CO.	Geneva
C. L. HATHAWAY	Horseheads
MRS. SARAH J. THOMPSON	Boonville
MRS. T. B. RICHARDS	Hummock Road, Larchmont
ST. LAWRENCE CLUB	Clayton
MRS. J. M. TOUCEY	Garrison-on-Hudson
MAJ. JOHN McGAW WOODBURY	Bayside
MRS. M. V. WOODHULL	Monroe
DELAWARE COUNTY ALMSHOUSE	Delhi
WM. H. YOUNG	Poughkeepsie
A. H. MORRIS	Westchester
U. R. HAVENS	Southampton, L. I.
F. W. MEEKER	Rye
GEO. M. LEFFERTS, M.D.	Katonah
SIMON UHLMAN	Cooperstown
THE CLINTON GAS CO.	East Hampton, L. I.
WM. GOULD BROKAW	Great Neck, L. I.
MRS. DAVID DOWS	Irvington
MRS. J. F. WINSLOW	Poughkeepsie
HOWARD TOWNSEND	Southampton, L. I.
COL. S. E. TILLMAN	Southampton
MRS. GEO. INNESS	Cragsmoor, Ellenville
JOSEPH H. WARREN	Syosset
HENRY SIEGEL	Mamaroneck
H. B. FORMAN	Kitchawan
HON. CLARENCE LEXOW	Nyack
JOHN R. THORP	Port Ewen
RYDER, LEFEVRE & CO.	Cobleskill
W. B. LOCKWOOD	East Hampton, L. I.
H. J. WELLER	Horseheads
ENDICOTT & JOHNSON REALTY CO.	Endicott
O. J. BOWMAN, M.D.	Horseheads
WINCHESTER OPTICAL CO.	Horseheads
JOHN H. TAYLOR	Bayside, Queens Co., L. I.
EASTMAN KODAK CO.	Rochester
FRANK A. HOTCHKISS	Millerton
WM. KEUFFELL	Elka Park, Tannersville
ALFRED H. SMILEY	New Paltz
J. CLINCH SMITH	Westbury Station
A. HECKSCHER	Huntington, L. I.

G. THEO. ROBERTS, Onteora Park	. . . . .	Tannersville
H. PLUMMER	. . . . .	Tomkins Cove
MRS. A. C. TOWER	. . . . .	Lawrence, L. I.
EDWARD P. HUNTING	. . . . .	Southampton, L. I.
COMMISSIONS OF QUARANTINE	. . . . .	Hoffmans Island, N. Y. Harbor
R. G. EISENHART	. . . . .	Horseheads
RALPH R. BROWN	. . . . .	South Otselic
B. LOUGHIRAN	. . . . .	Kingston
A. E. SCHERMERHORN	. . . . .	Southampton, L. I.
ALFRED G. VANDERBILT	. . . . .	Raquette Lake
AMERICAN YACHT CLUB	. . . . .	Rye
ISAAC G. JOHNSON & CO., Spuyten Duyvil	. . . . .	New York City
WM. J. MATHESON	. . . . .	Huntington, L. I.
HON. J. M. MITCHELL EST.	. . . . .	Tuxedo
PATHOLOGICAL INSTITUTE	. . . . .	Wards Island
B. Y. FROST	. . . . .	South Nyack
COLUMBIA HALL	. . . . .	Lebanon Springs
COLLINS MARSH, Underhill House	. . . . .	Great Neck, L. I.
LAKESIDE PRESS	. . . . .	Rouses Point
MRS. C. E. MERRITT	. . . . .	Norwich
VIRGIL A. SCOTT	. . . . .	Norwich
W. H. FOWLER, JR.	. . . . .	Oriskany Falls
S. E. CHURCHILL, M.D.	. . . . .	Stamford
EPISCOPAL CHURCH	. . . . .	Sherburne
ETHRIDGE & CO.	. . . . .	Clinton
MERCHANTS GAS CO.	. . . . .	So. Otselic
COMMERCIAL GAS LIGHT CO.	. . . . .	Oxford
E. A. SAGE	. . . . .	New Berlin
SHERBURNE OPERA HOUSE CO.	. . . . .	Sherburne
KUTSCHBACH & BULLIS	. . . . .	Sherburne
SO. NEW BERLIN GAS CO.	. . . . .	So. New Berlin
CINCINNATUS GAS CO.	. . . . .	Cincinnatus
JAMES E. HARPER	. . . . .	Delhi
BAINBRIDGE GAS CO.	. . . . .	Bainbridge
AFTON GAS CO.	. . . . .	Afton
WEST WINFIELD GAS CO.	. . . . .	West Winfield
MORRIS GAS CO.	. . . . .	Morris
W. G. MAYER	. . . . .	Waterville
H. L. BEATTY	. . . . .	Bainbridge
DE RUYTER GAS CO.	. . . . .	De Ruyter
W. D. BOTSFORD	. . . . .	Sherburne

CHAS. E. HITT . . . . .	Delhi
D. A. PARKER & CO. . . . .	Edmeston
JOSHUA PRATT . . . . .	Sherburne
BAPTIST CHURCH . . . . .	Sherburne
CONGREGATIONAL CHURCH . . . . .	Sherburne
MRS. C. H. SANFORD . . . . .	Sherburne
GEO. M. HUBBARD . . . . .	Waterville
MRS. L. N. SMITH . . . . .	Sherburne
ALEX. ROSS EST. . . . .	Sherburne
DELAWARE CO. COURT HOUSE . . . . .	Delhi
H. D. BARR . . . . .	Norwich
CHENANGO CO. ALMSHOUSE . . . . .	Preston
METHODIST CHURCH . . . . .	Norwich
H. D. NEWTON . . . . .	Norwich
GEO. B. WHITMORE . . . . .	Sherburne
PRESBYTERIAN CHURCH . . . . .	Delhi
N. C. CHAPMAN . . . . .	Gilbertsville
MRS. H. C. HOFFMAN . . . . .	Horseheads
F. J. WESTCOTT and others (neighborhood plant) . . . . .	Truxton
J. J. FRIEL . . . . .	Orangeburg
BACTERIOLOGICAL LABORATORY . . . . .	Mt. Kisco
THOMAS HUNT . . . . .	Tivoli
ALBERT KILLMEYER . . . . .	Richmond Valley, Staten Island
HAMILTON COLLEGE . . . . .	Clinton
E. J. GRAY . . . . .	Whitehall
JACOB RUPPERT . . . . .	Rhinecliff
M. A. CUSHMAN . . . . .	Hartsdale
H. B. ARMSTRONG . . . . .	Red Hook
WILLIAM PAYNE THOMPSON . . . . .	Westbury
WILLIAM HULL BROWNING . . . . .	Rye
W. A. GRIPPEN . . . . .	Gull Bay, Lake George
WILLIAM C. GREGG . . . . .	Newburgh
EVERETT P. WHEELER . . . . .	New Hamburg
GEORGE V. WATSON . . . . .	Saratoga
CHARLES M. GOULD . . . . .	Bayside
H. S. BLACK . . . . .	Purchase
B. FERDINANT DRAKENFELD . . . . .	Elka Park
FRED. FENSTER . . . . .	Black Rock, Buffalo
EDW. J. VON GAL . . . . .	Brewster
CHARLES E. KILMER . . . . .	Rensselaer
A. S. CARHART . . . . .	Tuxedo Park

F. T. ADAMS	Coxsaekie
H. J. BULL	Saranae
L. W. T. COLEMAN	Babylon
WILLIAM P. YOUNGS	Stony Brook
COLLIN ARMSTRONG	Mamaroneek
ADOLF KUTTROFF	Shelter Island
WM. SCHICKEL	Shelter Island
GEO. ZABRISKIE	St. James
JOHN BENNETT	Horseheads
PETER BLECK	Haneoek
CASEIN CO. OF AMERICA	Bainbridge
FRANK BENTLEY	Horesheads
ZION EPISCOPAL CHURCH	Greene
WESLEY GOULD	Haneoek
W. X. GRAHAM	Prattsville
R. G. IZENHART	Horseheads
MRS. GEO. F. LEDYARD	Cazenovia
MILFORD VILLAGE	Milford
R. C. OWEN	Clinton
J. O. H. REED	Norwieg
N. C. SMITH	Cooperstown
M. SCUTT	Haneoek
A. D. STURGIS	Norwieg
TOBEY & SMITH	Sherburne
W. H. THOMPSON & SON	Clinton
L. A. VAN WAGONER, M.D.	Sherburne
A. F. KENNEY	Truxton
L. S. PAGE	South Edmeston
WM. C. WINDSOR	Canaseraga
S. N. MURPHY	Grand Gorge
HENRY PRENTISS	Chenango Lake
BROOME CO. ALMSHOUSE	Binghamton
S. W. ADAMY	Union
SUSQUEHANNA VALLEY HOME	Binghamton
HARRY TANNENBAUM	Highmount
WALTER FOSTER	Norwieg
OTEGO LIGHTING CO.	Otego
ROXBURY LIGHTING CO.	Roxbury
JAY GOULD MEM. CHURCH	Roxbury
WM. BARRETT	Roxbury
DANIEL P. HOLMES	Norwieg

WANDS GLOVE CO.	Candor
FRED TINGLEY	Stamford
GRAND HOTEL	Highmount
ORLO EPPS	Oneonta
WINDSOR GAS CO.	Windsor
WYOMING COUNTY ALMSHOUSE	Varysburg
JEFFERSONVILLE GAS CO.	Jeffersonville
JEROME PLATTE	Horseheads
J. L. COULTER	Bovina Center
C. E. SNYDER	Big Flats
M. W. HARROWAY	Riehmondville
MRS. E. W. BLISS	Fly Creek
C. E. MAYNARD	Erieville
JOHN O'CONNOR	Truxton
W. S. TAYLOR	Jefferson
J. F. S. EASTGATE, M.D.	Ellenville
JAY WILLIAMS	Sidney
R. H. BARNER	Stamford
SEWARD BEADLE	Highmount
TRUSTEES M. E. CHURCH	Salem
TIMOTHY D. RAYSON	Mt. Lebanon
H. ASHLEY	Norwood
CHAMPLAIN SILK MILLS	Whitehall
WASHINGTON COUNTY COURT HOUSE	Salem
C. J. DE LONG	Glens Falls

## NEW JERSEY

HON. JOHN F. DILLON, 195 Broadway, N. Y.	Far Hills
J. H. BROWNING, 199 Chambers Street, N. Y.	Tenafly
DR. FRANK FULLER, 61 Fifth Avenue, N. Y.	Chatham
DUMONT CLARKE, 128 Broadway, N. Y.	Dumont
A. BEHRENS, 95 Broad Street, N. Y.	Mt. Arlington
G. VINTSCHGER, 95 North Moore Street, N. Y.	Mt. Arlington
F. G. HIMPLER	Mt. Arlington
GEORGE A. HELME	Helmetta
OSTRANGER FIRE BRICK WORKS	Ostrander
GEORGE RICHARDS ESTATE	Dover
CHARLES PAINE	Tenafly
SOMERSET LAND CO.	Bernardsville
DR. G. A. VAN WAGENEN	Lake Hopateong
F. S. KINNEY	Butler

*Our References in Bernardsville, N. J.*

F. P. OLCOTT  
 THOMAS HUNT  
 COL. A. R. KUSER  
 CHARLES PFIZER, JR.  
 JUDGE JOHN F. DILLON  
 SENATOR JOHN F. DRYDEN

PERCY R. PYNE  
 P. M. JACKSON  
 J. A. STURSBERG  
 RICHARD STEVENS  
 Z. BELCHER  
 MRS. J. H. BALLANTINE

Residence  
of Judge  
John F.  
Dillon



Residence of  
Mr. Thomas  
Hunt



Residence of  
Mr. F. P. Olcott

G. Z. DEMAREST	Demarest
A. POHL	Landing
S. E. SANDFORD	Dunellen
WALTER G. LADD	Far Hills
JAMES ROWE	Red Bank
F. C. MOORE	Highlands of Navesink
DE FOREST SNYDER	Pompton Plains
JOHN WAGNER	Red Bank
W. S. OPDYKE	Alpine
M. D. VALENTINE	Woodbridge
MRS. WILLIAM WILLIAMS	River Edge
J. C. BEACH	Bloomfield
L. S. WOLF	Seabright
O. B. REYNOLDS	Bound Brook
THOS. J. ALLEN	Stanhope
AMOS BIRDSALL	Toms River
J. H. WILLIAMS	Toms River
PRESBYTERIAN CHURCH	Westfield
F. V. OSTHOFF	Edgewater
F. H. BEACH	Dover
B. KAUFMANN	Far Hills
I. W. RUSHMORE	Plainfield
SOMERSET CHEMICAL CO.	Bound Brook
MRS. L. C. MOHLMAN	Brielle
MAX BLEIMAN	Rumson Road
JOHN DEPPELER	Farmingdale
H. R. KUNHARDT	Bernardsville
GEO. W. QUINTARD, 2d.	Lawrence Harbor
MRS. E. B. CONVERS	Englewood
F. BRUNNER	Westfield
FREDK. CROMWELL	Bernardsville
G. J. FERRY	Mendham
MAJ. RICHARD STEVENS	Bernardsville
MRS. C. Y. AUDENRIED	Spring Lake
J. RUEGG	Stirling
ABRAM BERNARD	New Brunswick
BURTIS S. HAVENS	Toms River
J. G. McMICKEN	Somerville
JULIUS STURSBERG	Bernardsville
HENRY J. LAMARCHE	Locust Point
S. D. DAVIS	Riverton

FREDERICK VOIGT	Dudley
L. H. DAVIS	Riverton
UNION STORE CO.	Mullica Hill
MRS. D. RUNKLE	Asbury, Warren Co.
THOS. CARMICHAEL	Seabright
JOHN S. VAN SICKLE	High Bridge
J. C. STRATTON	Pompton
G. D. RUSSELL, The Carlton	Spring Lake
HOTEL TRAYMORE	Ocean City
C. HERSCHEL	Glen Ridge
SAM'L FRENCH	Woodstown
HON. JOHN F. DRYDEN	Bernardsville
AVON INN	Avon
JOHN LUCAS & CO.	Lucaston
JOSEPH A. SEXTON	South Amboy
JOSEPH G. FRENCH	Penns Grove
CARL RUDOLPH SCHULTZ	Murray Hill
THOMAS HUNT	Bernardsville
BOGGS BROS.	Avon-by-the-Sea
DR. F. E. RIVA	Milltown
DR. ROBERT B. BROWN	Phillipsburgh
LAFLIN-RAND POWDER CO.	Haskell
CHAS. H. MILLAR	Ocean Grove
P. N. JACKSON	Bernardsville
CAPT. E. A. SMITH	Smithville
PHILIP HEXAMER	Mt. Arlington
HY. H. HALL	Belmar
B. F. AUMACK	Toms River
H. P. FROTHINGHAM	Pompton Lake
ROBERT HARTSHORNE	Highlands of Navesin
METHODIST EPISCOPAL CHURCH	Mendham
R. T. HAZZARD	Cape May Point
SUNSET PARK CO.	Barnegat City
PERCY R. PYNE	Far Hills
EDWARD C. STRIFFLER	Harrington Park
JOSEPH BACKUS	Point Pleasant
HENRY COCHRAN	Belmar
WM. B. DANA	Englewood
F. P. OLCOTT	Bernardsville
EDDY PALMER	Schooleys Mountain
A. T. STEFFENS	Madison

## CONNECTICUT

E. H. VAN INGEN	Washington
MRS. FRANK A. PIERSON	Cromwell
F. W. ETHERIDGE	Thomaston
DR. GEO. G. SHELTON	Ridgefield
E. G. CLARK	West Hartford
MRS. E. F. PRATT STEVENS	Clinton
GEORGE FREDERICK NOYES	Norwich
DR. W. W. WELLINGTON	Terryville
MRS. F. M. FREEMAN	Greenwich
W. A. BROTHWELL	Chester
O. C. BOSWORTH	Putnam
EDWIN REYNOLDS	Mansfield
DR. M. M. JOHNSON	Hartford
HARRIS WHITTEMORE	Middlebury
HOTCHKISS SCHOOL	Lakeville
THOMASTON HOUSE	Thomaston
BENJ. E. HARWOOD	Chester
SEN. ORVILLE H. PLATT ESTATE	Washington
F. F. PATTEN	Stafford Springs
GRACE CHURCH	New Canaan
CURTIS & WELLINGTON	Bridgeport
HON. THOS. S. HARRISON	Pomfret
HENRY F. SHOEMAKER	Riverside
GEO. LOWTHER	Riverside
MRS. GEO. B. PIERPONT	Thomaston
FENWICK HALL	Saybrook Point
ALFRED A. POPE	Farmington
R. T. ANDREWS	Thomaston
SPRINGSIDE HOME	New Haven
LITCHFIELD COUNTY JAIL	Litchfield
HORACE CLARK	Windsor
MRS. T. S. MARLOR	Danielson
JAMES A. RUMRILL	New London
MERRITT MERWIN	Milford

LIEUT. COMDR. W. S. COWLES . . . . .	Farmington
CHARLES I. ALLEN . . . . .	Terryville
METHODIST EPISCOPAL CHURCH . . . . .	Stafford Springs
SETH THOMAS CLOCK CO . . . . .	Thomaston
FIRST CONG'L CHURCH . . . . .	Southport
C. M. BEACH . . . . .	New Milford
GEO. L. BRADLEY . . . . .	Pomfret
G. W. MITCHELL . . . . .	Bristol
CHAS. M. GILMAN . . . . .	Southport
C. J. ROOT . . . . .	Bristol
TAYLOR LIBRARY . . . . .	Milford
L. P. BISSELL . . . . .	Suffield
MRS. O. B. JENNINGS . . . . .	Fairfield
TRINITY CHURCH . . . . .	Lime Rock
M. F. PLANT . . . . .	Groton
GEO. W. SMITH . . . . .	Fairfield
AMERICAN THREAD CO. . . . .	Jewett City
C. S. L. MARLOR . . . . .	Danielson
R. A. FRISBIE . . . . .	Cromwell
MRS. H. A. PEET . . . . .	Canaan
GEO. M. GUNN . . . . .	Milford
DR. C. O. MAINE . . . . .	Stonington
H. B. ROGERS . . . . .	New Canaan
A. S. COMSTOCK . . . . .	New Canaan
ALBERT L. SESSIONS . . . . .	Bristol
WM. LANE . . . . .	New Canaan
MRS. W. H. GIBSON . . . . .	Washington
MRS. BENJ. FISHER . . . . .	New Canaan
R. ARAI . . . . .	Riverside
OLD LYME INN . . . . .	Lyme
EVERETT B. CLARK CO. . . . .	Milford
GEO. A. LEWIS . . . . .	Naugatuck
W. H. GRISWOLD . . . . .	Thomaston
MRS. J. E. NORTHROP . . . . .	Ivoryton
E. P. EASTWICK, JR. . . . .	Greenwich
W. H. BOYNGE . . . . .	New Preston
C. F. BOSWORTH . . . . .	Putnam
A. W. WALLACE . . . . .	Fairfield
FRANK G. LETTERS . . . . .	Putnam
WM. FOULDS . . . . .	Manchester
E. T. STANLEY . . . . .	West Hartford

W. E. WHEELOCK . . . . .	Quinebaug
OLIVER GILDERSLEEVE . . . . .	Gildersleeve
DR. SENECA D. POWELL . . . . .	Eastern Point, Groton
REV. JOSIAH STRONG, 105 E. 22d Street, N. Y. . . . .	Greenwich
E. K. WILLARD, 17 New Street, N. Y. . . . .	Greenwich
CAPT. CHAS. A. BROOKS . . . . .	Greenwich
MRS. H. J. LEWIS . . . . .	Stratford
O. G. JENNINGS . . . . .	Fairfield
HON. W. B. STODDARD . . . . .	Milford
A. R. GERDES . . . . .	New Canaan
W. S. HOLLINGSWORTH . . . . .	Madison
GEO. H. WATSON . . . . .	New London
H. E. DEMING . . . . .	So. Woodstock
MRS. T. M. CHEESMAN . . . . .	Ridgefield
EX-GOV. P. C. LOUNSBURY . . . . .	Ridgefield
W. E. STREET . . . . .	Darien
G. W. ANTHONY . . . . .	New Milford
SIDNEY H. SMITH . . . . .	New Milford
J. SHERMAN HOYT . . . . .	Rowaytown
E. T. BEDFORD . . . . .	Greens Farms
C. A. SPOFFORD . . . . .	Norfolk
N. L. ROCKWELL . . . . .	Ridgefield
H. O. HAVEMEYER . . . . .	Stamford
MRS. THOS. P. FISKE . . . . .	Westbrook
MRS. W. H. REDMAN . . . . .	Riverside
C. B. GOLD . . . . .	Washington
JUDGE G. G. McNALL . . . . .	Greenwich
MRS. R. P. DANIELSON . . . . .	Putnam
B. MAGEN & BROS. . . . .	Milford
MISS F. O. JONES . . . . .	New London
E. T. KIRKLAND . . . . .	New London
MRS. E. A. SECCOMB . . . . .	Washington
MRS. CARLOS FRENCH . . . . .	Seymour
H. R. KIBBE . . . . .	Somers
S. E. JENNINGS . . . . .	Deep River
RUSSELL FRISBIE . . . . .	Cromwell
JAMES LAVERTY . . . . .	Portland
ELM TREE INN . . . . .	Farmington
A. W. COMSTOCK . . . . .	Ivorytwn
H. F. CORNING . . . . .	West Hartford
H. P. STAGG . . . . .	Stratford

CHAFEE HOTEL	Middletown
M. W. JOHNSON	Monroe
BRISTOL MFG. CO.	Plainville
THOMAS RUSSELL	Plainville
F. D. ROBERTSON	Stratford
J. G. MILBURN	East River
M. SULLIVAN	Thompsonville
CO'TY HOME FOR DEPENDENT CHILDREN	Warehouse Point
JACOB W. STUECK	Middletown
MRS. E. A. PALMER	Montville
ROBERT PALMER, Jr.	Noank
MRS. C. R. HART	Windsor
C. H. OSGOOD	Norwieh
W. T. WOODRUFF	Thomaston
MILO RICHARDSON	Lime Roek
TOWN HALL	Thomaston
S. A. GRISWOLD	Branford
H. K. BRAINERD	Thompsonville
THOS. BRADSTREET	Thomaston
COL. A. C. TYLER	New London
D. G. FRANCIS	West Hartford
SANFORD MEECH	Groton
CHAS. G. ROOT	Stratford
BUELL HEMINWAY	Watertown
EASTERN POINT GAS CO.	Groton
MRS. LUTHER BOARDMAN	East Haddam
CHARLES E. DIEFENTHALER	New Canaan
REV. DR. W. S. RAINSFORD	Ridgefield
PAYSON MERRILL	New Canaan
SAMUEL FESSENDEN	Stamford
HENRY E. JONES	Riverside
A. C. KNOTHE	Westwood
GEO. L. MORSE	Riverside
C. H. HAMILTON	Ridgefield
WESTBROOK LIBRARY	Westbrook
A. H. STORER	Ridgefield
HARVEY P. BISSELL	Ridgefield
EST. OF JAMES I. RAYMOND	Springdale Sta.
C. W. POST	Greenwieh
TRINITY EPISCOPAL CHURCH	Southport
DR. FRITZ CARLETON HYDE	Greenwieh

## MASSACHUSETTS

SHARON TOWN HALL	Sharon
G. R. WHITE	Manchester
M. B. MASON	Manchester
E. H. BARNEY	Springfield
NORTHFIELD SEMINARY	E. Northfield
ELLIS HOLLINGSWORTH	Vineyard Haven
GORDON PRINCE ESTATE	West Manchester
A. N. MILLIKEN	Cohasset
W. H. WILMARTH & CO.	Attleboro
W. B. WALKER	Manchester
GEO. H. SOUTHARD	Westport Point
LANCASTER TOWN HALL	Lancaster
D. B. WESSON	Northboro
E. C. BOYDEN	Sharon
ESTATE OF MRS. F. L. AMES	North Easton
GEO. F. CHILDS	Hingham
H. A. BELCHER	Sandwich
RUFUS A. SIBLEY	Spencer
DR. J. T. HERRICK	Hyannisport
H. S. HOVEY ESTATE	Gloucester
U. S. FISH COMMISSION	Woods Hole
A. FERGUSON	Holyoke
TEMPLETON INN	Templeton
PELHAM HOLMES	South Swansea
CHRIST CHURCH AND LIBRARY	Swansea
P. J. CUMMINGS & CO.	Attleboro
OLIVER W. MINK	Manchester
DR. CHAS. A. BRIGGS	Assonet
ATTLEBORO MFG. CO.	Attleboro
MRS. F. S. STEVENS	Swansca
ABBOT & CO.	Graniterville
LAWRENCE LIBRARY	Pepperell
C. M. WOODWARD	W. Springfield
CHURCH OF UNITY	North Easton
R. C. DIXEY	Lenox
C. H. FRENCH	Carlton
JAMES H. PROCTOR	Hamilton
DR. FRANK S. BILLINGS	Sharon
COL. E. V. MITCHELL	Medfield
S. D. STEVENS	Machine Shop
M. T. STEVENS	Machine Shop



Residence  
of Mrs.  
John Swann,  
Stockbridge,  
Mass.



Residence  
of Mr.  
H. H. Cook  
Lenox,  
Mass.



"Wyndhurst," Residence  
of Mr. John Sloan,  
Lenox, Mass.

*Our References in Lenox and Stockbridge, Mass.*

*IN LENOX*

J. E. ALEXANDER  
CURTIS HOUSE  
REV. W. F. GRACE  
D. P. GRISWOLD  
J. E. PARSONS

R. C. DIXEY  
JOHN SLOANE  
GEORGE N. SMITH  
E. McK. LIVINGSTON  
J. E. SCHERMERHORN  
SHADOWBROOK HOTEL

*IN STOCKBRIDGE*

MRS. JOHN SWANN	HOUSATONIC NATIONAL BANK
RED LION INN	ST. PAUL'S CHURCH
HEATON HALL	MRS. L. TUCKERMAN
SAMUEL HILL	TOWN HALL
BERNARD HOFFMAN	
E. V. R. THAYER	Lancaster
BARRE LIBRARY	Barre
E. A. CARTER	Becket
THOMAS ALLEN	Princeton
MRS. C. R. ANTHONY	Fairhaven
MRS. E. DELABARRE	Conway
PERLEY FREE SCHOOL	Georgetown
CHAS. A. CHASE	South Swansea
CHAPIN & GOULD PAPER CO.	Huntington
MASCONOMO HOUSE	Manchester
THE NONOTUCK SILK CO.	Leeds
M. S. P. POLLARD	South Framingham
FARREN MEMORIAL HOSPITAL	Montague City
H. H. ROGERS, 26 Broadway, N. Y.	Fairhaven
JOHN E. PARSONS, 111 Broadway, N. Y.	Lenox
JOHN SLOANE, 884 Broadway, N. Y.	Lenox
OAKES A. AMES ESTATE	North Easton
VINEYARD SOUND HOUSE	Falmouth Heights
H. H. JENKINS ESTATE	Whitman
S. M. FOX	Sheffield
ESTATE OF DR. W. R. HAYDEN	Bedford Springs
W. H. AMES	North Easton
TOWN HALL	Wrentham
MRS. E. WIGGLESWORTH	Manchester-by-the-Sea
REV. W. A. HICKEY	Gilbertville
R. MARSTON	Hyannis
J. W. ABBOT	Forge Village
SKINNER GYMNASIUM	East Northfield
ESTATE OF SENATOR JAMES McMILLAN	Manchester by-the-Sea
E. W. SHATTUCK	Carew St., Springfield
C. E. STEVENS ESTATE	Hingham
TRUSTEES FREE PUBLIC LIBRARY AND R. ROOM	
DR. L. A. MERRITT	North Brookfield Bridgewater

J. G. BASSETT	Bridgewater
M M. BELDING	Ashfield
ESTATE OF SAMUEL HOAR	Coneord
L. PORTER	Ashfield
COL. THOS. TALBOT	North Billerica
GEO. P. ELLISON	Holyoke
A. LEE & SONS	Manehester-by-the-Sea
PUBLIC LIBRARY	Westford
F. W. SARGENT	Wellesley
MONTAGUE CITY ROD CO.	Montague City
T. L. HAYNES	Springfield
HATCH EXPERIMENT STATION	Amherst
A. J. BIGELOW	Woreester
MEEKINS MEMORIAL LIBRARY	Williamsburg
T. C. PAGE	Chieopee Falls
SAMUEL FLETCHER ESTATE	Graniteville
C. E. HATFIELD	West Newton
OLIVER PRESCOTT, JR.	New Bedford
F. W. FABYAN	West Manehester
J. A. CAMERON	Westford
S. G. POOL	Gloueester
N. P. JONES ESTATE	Billeriea
A. M. FERRIS	Woods Hole
MT. HOLYOKE COLLEGE	So. Hadley
A. M. KIDDER ESTATE	Wenham
JOHN M. DEANE	Assonet
R. A. BURGET	Cheshire
HOUSATONIC NATIONAL BANK	Stockbridge
GEO. M. ATKINS	Palmer
FRANK SEABURY	Beverly Farms
Z. L. WHITE	Winchendon
H. M. SMITH	Enfield
MERRIAM PUBLIC LIBRARY	West Brookfield
TOWN HALL	Warren
MISS LUCY M. GREEN	Green Hill, Woreester
REV. SAMUEL H. VIRGIN	W. Chelmsford
L. N. OLIVER	Hyannis
F. H. PARKER	Winchendon
COMMERCIAL CABLE CO.	Roekport
GEO. P. CUSHMAN	Duxbury
A. L. HOLLINGSWORTH	Milton

REV. D. J. KELEHER, St. Joseph's Church . . . . .	Medway
EST. OF MRS. E. B. WHEATON . . . . .	Norton
H. E. THOMPSON . . . . .	Plainville
EDGAR REED . . . . .	Duxbury
HARRISON K. CANER . . . . .	Manchester
B. F. DYER . . . . .	South Braintree
DANIEL A. ANTHONY . . . . .	South Dartmouth
MRS. JOHN HANLON . . . . .	North Easton
GEO. M. MORGAN . . . . .	Manchester
GEO. H. TALBOT . . . . .	Norton
GEO. E. WHITING . . . . .	Hyde Park
F. C. MANN . . . . .	East Bridgewater
MRS. JOHN SWANN . . . . .	Stockbridge
AMERICAN OPTICAL CO. . . . .	Southbridge
E. P. CHAPIN . . . . .	Edgartown
WORCESTER COUNTY TRUANT SCHOOL . . . . .	Oakdale
J. A. BURNHAM . . . . .	Wenham
ROBERT STRIDE . . . . .	Agawam
TRUSTEES OF THE MURDOCK FUND . . . . .	Winchendon
THE BURRAGE HOSPITAL . . . . .	Bumpkins Island, Boston Harbor
MRS. A. P. RICHARDSON . . . . .	Westford
CONGREGATIONAL CHURCH . . . . .	Gilbertville
CONNOLLY BROS. . . . .	Beverly Farms
W. O. TAYLOR . . . . .	Buzzards Bay
C. G. RICE . . . . .	Ipswich
CHAS. H. JONES . . . . .	Weston
MISS E. S. FREEMAN . . . . .	Norton
H. S. CHENEY . . . . .	Southbridge
C. E. BIGELOW . . . . .	Groton
A. D. THAYER . . . . .	Franklin
ST. ANN'S ORPHANAGE . . . . .	Worcester
AMES FREE LIBRARY . . . . .	North Easton
H. K. DYER . . . . .	Woods Hole
HON. MORGAN ROTCH . . . . .	New Bedford
JAMES E. STANTON, JR. . . . .	New Bedford
J. H. MANN . . . . .	Ipswich
E. B. NEWTON . . . . .	Bridgewater
EST. OF BENJAMIN HINCKLEY . . . . .	North Falmouth
E. L. COOK . . . . .	Bridgewater
DR. C. C. HOLCOMB . . . . .	Lee
ST. PAUL'S CHURCH . . . . .	Stockbridge

MRS. O. G. SPELMAN		Williamsburg
W. C. TRAFFORD		Westport
OGDEN ESTATE		Pittsfield
BERNARD HOFFMAN		Stockbridge
MICHAEL BAKER		So. Dartmouth
GARDINER M. LANE		Manchester
COUNTRY CLUB		No. Dartmouth
F. C. STEVENS		Manchester
JAMES K. PULSIFER		Manchester
E. F. HODGSON		Dover
WILLIS M. FULLER		Plainville
SO. LANCASTER ACADEMY		So. Lancaster
F. A. WHEELOCK		So. Hanover
F. M. WHITEHOUSE		Manchester
D. WHEELER SWIFT		West Falmouth
HOWARD MARSTON		Hyannis
HAPGOOD MEMORIAL LIBRARY		Harvard
TOWN HALL		Harwich
SAMUEL EARLY		No. Easton
MISS C. E. BROWN		Manchester
METHODIST EPISCOPAL CHURCH		E. Bridgewater
A. W. BURTON		Plainville
E. STODDARD		Cohasset
BENJ. WILCOX		So. Dartmouth
RAY MEMORIAL BUILDING		Franklin
A. C. HARRISON		Woods Hole
MRS. F. W. WICKS		Marion
HOWARD SEMINARY		West Bridgewater
TAUNTON INSANE HOSPITAL		Raynham Farm
E. E. MILES		So. Lancaster
DEAN ACADEMY		Franklin
DR. G. A. WEBBER		Manchester
JAMES LAWRENCE		Groton
S. M. WELD		Wareham
S. M. WELD		Dedham
MRS. MARY H. SUTTON		No. Andover
LITTLEFIELD LIBRARY		Tyngsboro
C. S. DICKINSON		Baldwinsville
C. AYLMER SMITH		Baldwinsville
MRS. H. C. JOY		Shelburne Falls
G. D. CRITTENDEN		Shelburne Falls

## PENNSYLVANIA

J. H. DINGIE	Paoli
O. PATTISON	Elkland
F. M. CORNELIUS	Elkland
MEMORIAL CHURCH	Elkland
C. L. PATTISON	Elkland
PATTISON NATIONAL BANK	Elkland
CARL R. JONES	Girard
WM. H. RICHMOND	Seranton
CHRIST CHURCH HOSPITAL	Philadelphia
JOSEPH M. RITTER	Betzwood
JOHN H. KELLY	Mount Moriah
S. JOHN LEA	Ashbourne
HORACE E. RICHARDS	Falls of Schuylkill, Phila.
WM. H. FOLWELL	Sharon Hill
ROBESONIA IRON CO.	Robesonia
EDWIN H. FITLER	Torresdale
CHARLES H. HOWELL	Torresdale
H. H. BARTON, JR.	Philadelphia
W. E. WEBER	Jenkintown
W. C. FREEMAN	Cornwall
MISS E. C. ROBERTS	Bala

E. J. EMERICK	Chestnut Hill, Phila.
GEORGE ARMHOLT	Edge Hill
JOHN McGLINN	Sharon Hill, Del. Co.
MISS D. E. B. GRUBB	Mt. Hope, Laneaster Co.
A. K. THOMAS	Ambler
R. PERCY ALDEN	Cornwall, Lebanon Co.
MRS. HENRY H. LIPPINCOTT	Jenkintown
E. C. FREEMAN	Cornwall, Lebanon Co.
H. W. BIDDLE	Paoli
CHAS. COUPLAND, The Enterprise Worsted Co.	Millville, Columbia Co.
THEO. J. GOLDSCHMID	Tacomy
MISS ALLA OTIS	Ashbourne
ALLEN B. RORKE	Morton Sta., Del. Co.
MRS. N. C. CLARK	Ambler
FRANK GODEY	St. Thomas
JOHN MARSTON	Overbrook
E. C. WOOD	Sharon Hill
H. LAUSSAT GEYELIN	Villa Nova
J. D. STEWART	South Fork
H. R. NIBLOCK	Ambler
CHAS. LEEDOM	Ridley Park
F. G. KRAMER	Ambler
CLEMENT M. BIDDLE	Lansdowne
A. VAN RENSSELAER	Camp Hill
JOHNSTOWN SUPPLY HOUSE	South Fork
M. W. STROND	Villa Nova
THOS. T. WOLFENDEN	Lansdowne
ROBERT GORDON	Fort Washington
JOHN C. BULLITT	Paoli
C. MORTON SMITH	Fern Rock
CATHCART HOUSE	Droon
MISS HELEN ERBEN	Radnor
THE SHARON STEEL CO.	Sharon
W. F. PROCTOR	Shohola
ROBERTS & GARDNER	Wellsboro
B. W. ZIETZ, Fort Side Inn	Fort Washington
SMITH HARPER	Harpers
COMMANDER JOSEPH MICKLEY, U.S.N.	Hokendaugua
RUDULPH ELLIS	Bryn Mawr
WM. ROSS PROCTOR	Shoola, Pike Co.

## NORTH CAROLINA

## SOUTH CAROLINA

P. L. BREEDEN . . . . . Bennettsville  
D. L. McCALL . . . . . Bennettsville

## NEW HAMPSHIRE

HAILE & FROST MFG. CO.	.	.	.	.	.	.	Hinsdale
HAYWARD BROS.	.	.	.	.	.	.	Harrisville
W. O. AMIDON	.	.	.	.	.	.	Hinsdale
ALBERT BATCHELDER (2 machines)	.	.	.	.	.	.	North Hampton
MRS. SHERMAN PARIS	.	.	.	.	.	.	Charlestown
TOWN HALL	.	.	.	.	.	.	Alton
W. R. BRACKETT	.	.	.	.	.	.	Plymouth
HOLLAND & FERRIN	.	.	.	.	.	.	Hinsdale
PEMIGEWASSETT HOUSE	.	.	.	.	.	.	Plymouth

## GEORGIA

## VIRGINIA

## WEST VIRGINIA

W. H. NAVÉ . . . . .	Wellsburg
----------------------	-----------

## VERMONT

A. B. CHANDLER, 253 Broadway, N. Y. . . . .	Randolph
F. O. KNIGHT . . . . .	Ludlow
C. A. MOORE . . . . .	Bellows Falls
GEORGE H. MOORE . . . . .	Newbury
JOHN S. HOLDEN . . . . .	Bennington
MRS. J. H. BATES . . . . .	Proctorsville
GEN. J. G. McCULLOUGH . . . . .	No. Bennington
MRS. EDWARD ARMS . . . . .	Bellows Falls
HOTEL WINDHAM . . . . .	Bellows Falls
DWIGHT TUXBURY & SON . . . . .	Windsor
WATERBURY OPERA BLOCK CO. . . . .	Waterbury
MRS. S. L. GRIFFITH . . . . .	Danby
F. S. PRATT . . . . .	Bennington
HUNTINGTON SMITH . . . . .	Castleton
C. E. ROBERTSON . . . . .	Bellows Falls
CROSS, ABBOTT CO. . . . .	White River Junction
REV. N. PROULX . . . . .	Rutland
DR. SAM SPARHAWK . . . . .	Burlington
C. C. WARREN . . . . .	Waterbury
REV. P. M. MCKENNA . . . . .	Barre
MRS. F. B. MERRILL . . . . .	Woodstock
MIDDLEBURY COLLEGE . . . . .	Middlebury
NORMAN WILLIAMS PUBLIC LIBRARY . . . . .	Woodstock
H. H. VAIL . . . . .	Woodstock
W. H. MOORE . . . . .	Woodstock
GEO. B. WHEELER . . . . .	Bellows Falls
W. E. JOHNSON . . . . .	Woodstock
F. Z. DICKINSON . . . . .	Brattleboro
EPISCOPAL CHURCH . . . . .	Woodstock
SHELBURNE FARMS, DR. W. SEWARD WEBB . . . . .	Shelburne
WOODSTOCK NATIONAL BANK . . . . .	Woodstock
H. P. CLARK . . . . .	Woodstock
I. C. CALEF . . . . .	Barre
COL. THAD. M. CHAPMAN . . . . .	Middlebury
AQUA PURA CO. . . . .	Barre
HOTEL DUNMORE . . . . .	Lake Dunmore
HON. GEO. W. HENDEE . . . . .	Morrisville

GEO. P. DROWNE & CO.	Morrisville
CHARLES ZANLEONI	Barre
SOLDIERS MEMORIAL BUILDING	Stowe
SMITH & SON	White River Junction
JNO. P. RICH	Swanton Junction
WM. ROBERTSON	Putney
WALKER MEMORIAL LIBRARY	Pittsford
I. R. CLARK	Windsor
DR. A. L. MINER	Bellows Falls
O. J. MAIGNE	Rutland
ELMER A. DARLING	East Burke

## MARYLAND

ROBERT POOLE	Woodbury, Balto. Co.
JNO. F. GOUCHER	Baltimore
ST. JOSEPH'S ACADEMY	Emmitsburg
ST. CHARLES COLLEGE	Ellicott City
J. H. ROWLAND	Port Deposit
R. K. VANNEMAN	Havre-de-Grace
SUDBROOK CO.	Sudbrook Park
McDONOGH SCHOOL	McDonogh

## DELAWARE

G. L. & S. F. GRIER	Milford
THEO. B. STULB	Holly Oak

## MAINE

C. B. CHURCH	Sutton's Island
HERBERT PARSONS	Bar Harbor
F. G. STAPLES	Old Orchard Beach
EST. OF W. D. PORTER	Castine
HARTLEY LORD	Kennebunk
C. F. STAPLES	Old Orchard
EST. OF J. S. SANBORN	Poland Springs
J. D. VERMEULE	York Beach
H. E. EVANS ESTATE	York Beach
CHAS. D. KINNEY	York Beach
DR. G. B. SHATTUCK	Islesboro
HON. EUGENE HALE	Ellsworth
DR. R. H. DERBY	Islesboro

MRS. L. T. RUSSELL	Kennebunk Beaeh
DR. T. W. POMROY	Pembroke
A. W. GIFFORD	Kennebunk Beaeh
EST. OF MRS. JAMES G. BLAINE	Bar Harbor
MRS. W. L. McCLINTOCK	Castine
RICHARD M. HOE	Seal Harbor
STEPHEN WHITNEY	Northeast Harbor
RIGHT REV. A. McKAY SMITH, D.D.	Seal Harbor
S. W. COLTON, JR.	So. West Harbor
DR. JAMES C. WHITE	Islesboro
THE BLUFFS HOTEL	Mt. Desert Ferry
R. D. SEARS	Islesboro
DR. C. A. HERTER	Seal Harbor

## RHODE ISLAND

F. S. KINNEY	Narragansett Pier
MRS. W. M. GREEN	Westerly
S. W. MATTHEWSON, JR.	Narragansett Pier
W. P. ANDERSON	Watuh Hill
WATCH HILL HOTEL	Westerly
FRANK A. SAYLES	Saylesville
C. H. STANTON	Westerly
T. M. DAVIS	Newport
S. A. JENKS	Barrington
MRS. INEZ SPRAGUE	Narragansett Pier
MRS. J. R. BUSK	Newport
LARKIN HOUSE	Watuh Hill
WILLIAM H. MAGEE	Berkeley
HYGEIA HOTEL	Bloek Island
LEWIS F. BELL	Wakefield
E. KENYON & SON	Kenyon
EST. OF JOHN M. RYAN	Ashton
ISAAC R. ROBINSON	Wakefield
ALBERT H. OLMSTEAD	Newport
J. P. ROBINSON	Wakefield
OCEAN HOUSE	Watuh Hill
DR. B. A. BURNS	Narragansett Pier
G. K. WEBSTER	Matunue
LOUIS BRUGUIERE	Newport
ROBERT DRYSDALE	Westerly
R. G. KISSICK	Westerly

ALBERT RODMAN . . . . .	Lafayette
FRANKLIN RODMAN . . . . .	Lafayette
WALTER RODMAN . . . . .	Lafayette

## FLORIDA

J. A. McDONALD . . . . .	Miami
CHAS. J. CLARKE . . . . .	Palm Beach
ISAAC A. HOPPER . . . . .	Orlando
E. E. STARKEY . . . . .	Daytona
McGUIRE & McDONALD . . . . .	St. Augustine
GEO. W. LAINHART . . . . .	West Palm Beach
W. C. TEMPLE . . . . .	Winter Park
JOHN B. STETSON UNIVERSITY . . . . .	Deland
JAS. STILLMAN . . . . .	Palm Beach

## BERMUDA

F. B. STEEDE . . . . .	Hamilton
PRINCESS HOTEL . . . . .	Hamilton
HAMILTON HOTEL . . . . .	Hamilton

## NEW BRUNSWICK

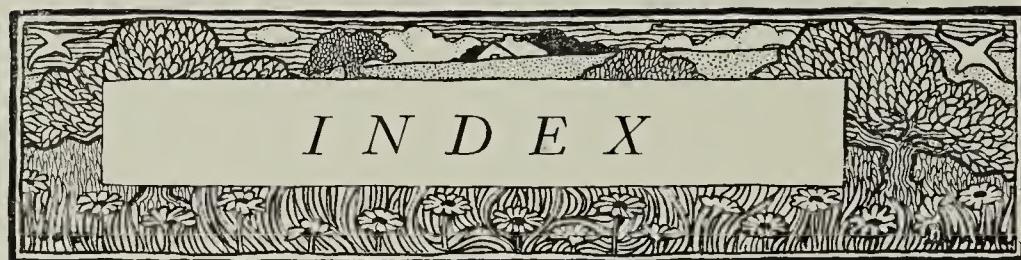
ROTHESAY COLLEGE . . . . .	Rothesay
----------------------------	----------

## ENGLAND

EDWARD POWER . . . . .	Burghclere Station
------------------------	--------------------

## CANADA

NORMAL SCHOOL . . . . .	Truro, N. S.
J. P. WISER . . . . .	Prescott, Ont.
JOHN D. LARKIN . . . . .	Queenston, Ont.



	PAGE
GAS MACHINE AS INSTALLED . . . . .	6-7
AIR PUMP . . . . .	8
WATER WHEEL AIR PUMP . . . . .	9
GAS GENERATOR . . . . .	10
AUTOMATIC MIXING REGULATOR . . . . .	14
AUTOMATIC MIXING REGULATOR, SECTIONAL VIEW . . . . .	15
COMPARATIVE COST OF GAS . . . . .	17
SPRINGFIELD INCANDESCENT BURNER . . . . .	17
SLEEVE CHECK BURNER, FLAT FLAME . . . . .	18
SAFETY OF AIR GAS . . . . .	21
UTILITY OF AIR GAS . . . . .	22
USE OF AIR GAS IN MECHANICAL ARTS . . . . .	24
USE OF AIR GAS IN VILLAGE LIGHTING . . . . .	25
HISTORY OF SPRINGFIELD GAS MACHINE . . . . .	26
SCALE OF PIPING . . . . .	32
TESTIMONIAL LETTERS . . . . .	33
REFERENCES . . . . .	54



AVERY LIBRARY  
COLUMBIA UNIVERSITY







